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CompactFactorNames *compact the factor names to camelCase*

Description

CompactFactorNames compacts the factor names from separate words to camel case

Usage

```
CompactFactorNames(s)
```

Arguments

s	string with the factor names'

Value

string with names in camelCase

Author(s)

Jose Gama

Examples

```
CompactFactorNames('ton of refrigeration (12 000 BtuIT/h)')
```

CompactPhysicalConstantNames *compact the physical constant names to camelCase*

Description

CompactPhysicalConstantNames compacts the physical constant names from separate words to camel case

Usage

```
CompactPhysicalConstantNames(s)
```

Arguments

s	string with the physical constant names'

Value

string with names in camelCase

Author(s)

Jose Gama

Examples

```
CompactPhysicalConstantNames('ton of refrigeration (12 000 BtuIT/h)')
```

FixFactorNames *Replaces unicode with ASCII in factor names*

Description

`FixFactorNames` replaces unicode with ASCII in factor names

Usage

```
FixFactorNames(s)
```

Arguments

`s`	string with the factor names'

Value

string with ASCII instead of unicode

Author(s)

Jose Gama

Examples

```
FixFactorNames('\u00e5ngstr\u00f6m')
```

kNIST2010latticeSpacingOfSilicon
NIST Physical Constants

Description

kNIST2010latticeSpacingOfSilicon lattice spacing of silicon

kNIST2010alphaParticleElectronMassRatio alpha particle-electron mass ratio

kNIST2010alphaParticleMass alpha particle mass

kNIST2010alphaParticleMassEnergyEquivalent alpha particle mass energy equivalent

kNIST2010alphaParticleMassEnergyEquivalentInMeV alpha particle mass energy equivalent in MeV

kNIST2010alphaParticleMassInU alpha particle mass in u

kNIST2010alphaParticleMolarMass alpha particle molar mass

kNIST2010alphaParticleProtonMassRatio alpha particle-proton mass ratio

kNIST2010AngstromStar Angstrom star

kNIST2010atomicMassConstant atomic mass constant

kNIST2010atomicMassConstantEnergyEquivalent atomic mass constant energy equivalent

kNIST2010atomicMassConstantEnergyEquivalentInMeV atomic mass constant energy equivalent in MeV

kNIST2010atomicMassUnitElectronVoltRelationship atomic mass unit-electron volt relationship

kNIST2010atomicMassUnitHartreeRelationship atomic mass unit-hartree relationship

kNIST2010atomicMassUnitHertzRelationship atomic mass unit-hertz relationship

kNIST2010atomicMassUnitInverseMeterRelationship atomic mass unit-inverse meter relationship

kNIST2010atomicMassUnitJouleRelationship atomic mass unit-joule relationship

kNIST2010atomicMassUnitKelvinRelationship atomic mass unit-kelvin relationship

kNIST2010atomicMassUnitKilogramRelationship atomic mass unit-kilogram relationship

kNIST2010atomicUnitOf1stHyperpolarizability atomic unit of 1st hyperpolarizability

kNIST2010atomicUnitOf2ndHyperpolarizability atomic unit of 2nd hyperpolarizability

kNIST2010atomicUnitOfAction atomic unit of action

kNIST2010atomicUnitOfCharge atomic unit of charge

kNIST2010atomicUnitOfChargeDensity atomic unit of charge density

kNIST2010atomicUnitOfCurrent atomic unit of current

kNIST2010atomicUnitOfElectricDipoleMom atomic unit of electric dipole mom.

kNIST2010atomicUnitOfElectricField atomic unit of electric field

kNIST2010atomicUnitOfElectricFieldGradient atomic unit of electric field gradient

kNIST2010atomicUnitOfElectricPolarizability atomic unit of electric polarizability

kNIST2010atomicUnitOfElectricPotential atomic unit of electric potential

kNIST2010atomicUnitOfElectricQuadrupoleMom atomic unit of electric quadrupole mom.

kNIST2010atomicUnitOfEnergy atomic unit of energy

kNIST2010atomicUnitOfForce atomic unit of force

kNIST2010atomicUnitOfLength atomic unit of length

kNIST2010atomicUnitOfMagDipoleMom atomic unit of mag. dipole mom.

kNIST2010atomicUnitOfMagFluxDensity atomic unit of mag. flux density

kNIST2010atomicUnitOfMagnetizability atomic unit of magnetizability

kNIST2010atomicUnitOfMass atomic unit of mass

kNIST2010atomicUnitOfMomUm atomic unit of mom.um

kNIST2010atomicUnitOfPermittivity atomic unit of permittivity

kNIST2010atomicUnitOfTime atomic unit of time

kNIST2010atomicUnitOfVelocity atomic unit of velocity

kNIST2010AvogadroConstant Avogadro constant

kNIST2010BohrMagneton Bohr magneton

kNIST2010BohrMagnetonInEVT Bohr magneton in eV/T

kNIST2010BohrMagnetonInHzT Bohr magneton in Hz/T

kNIST2010BohrMagnetonInInverseMetersPerTesla Bohr magneton in inverse meters per tesla

kNIST2010BohrMagnetonInKT Bohr magneton in K/T

kNIST2010BohrRadius Bohr radius

kNIST2010BoltzmannConstant Boltzmann constant

kNIST2010BoltzmannConstantInEVK Boltzmann constant in eV/K

kNIST2010BoltzmannConstantInHzK Boltzmann constant in Hz/K

kNIST2010BoltzmannConstantInInverseMetersPerKelvin Boltzmann constant in inverse meters per kelvin

kNIST2010characteristicImpedanceOfVacuum characteristic impedance of vacuum

kNIST2010classicalElectronRadius classical electron radius

kNIST2010ComptonWavelength Compton wavelength

kNIST2010ComptonWavelengthOver2Pi Compton wavelength over 2 pi

kNIST2010conductanceQuantum conductance quantum

kNIST2010conventionalValueOfJosephsonConstant conventional value of Josephson constant

kNIST2010conventionalValueOfVonKlitzingConstant conventional value of von Klitzing constant

kNIST2010CuXUnit Cu x unit

kNIST2010deuteronElectronMagMomRatio deuteron-electron mag. mom. ratio

kNIST2010deuteronElectronMassRatio deuteron-electron mass ratio

kNIST2010deuteronGFactor deuteron g factor

kNIST2010deuteronMagMom deuteron mag. mom.

kNIST2010deuteronMagMomToBohrMagnetonRatio deuteron mag. mom. to Bohr magneton ratio

kNIST2010deuteronMagMomToNuclearMagnetonRatio deuteron mag. mom. to nuclear magneton ratio

kNIST2010deuteronMass deuteron mass

kNIST2010deuteronMassEnergyEquivalent deuteron mass energy equivalent

kNIST2010deuteronMassEnergyEquivalentInMeV deuteron mass energy equivalent in MeV

kNIST2010deuteronMassInU deuteron mass in u

kNIST2010deuteronMolarMass deuteron molar mass

kNIST2010deuteronNeutronMagMomRatio deuteron-neutron mag. mom. ratio

kNIST2010deuteronProtonMagMomRatio deuteron-proton mag. mom. ratio

kNIST2010deuteronProtonMassRatio deuteron-proton mass ratio

kNIST2010deuteronRmsChargeRadius deuteron rms charge radius

kNIST2010electricConstant electric constant

kNIST2010electronChargeToMassQuotient electron charge to mass quotient

kNIST2010electronDeuteronMagMomRatio electron-deuteron mag. mom. ratio

kNIST2010electronDeuteronMassRatio electron-deuteron mass ratio

kNIST2010electronGFactor electron g factor

kNIST2010electronGyromagRatio electron gyromag. ratio

kNIST2010electronGyromagRatioOver2Pi electron gyromag. ratio over 2 pi

kNIST2010electronHelionMassRatio electron-helion mass ratio

kNIST2010electronMagMom electron mag. mom.

kNIST2010electronMagMomAnomaly electron mag. mom. anomaly

kNIST2010electronMagMomToBohrMagnetonRatio electron mag. mom. to Bohr magneton ratio

kNIST2010electronMagMomToNuclearMagnetonRatio electron mag. mom. to nuclear magneton ratio

kNIST2010electronMass electron mass

kNIST2010electronMassEnergyEquivalent electron mass energy equivalent

kNIST2010electronMassEnergyEquivalentInMeV electron mass energy equivalent in MeV

kNIST2010electronMassInU electron mass in u

kNIST2010electronMolarMass electron molar mass

kNIST2010electronMuonMagMomRatio electron-muon mag. mom. ratio

kNIST2010electronMuonMassRatio electron-muon mass ratio

kNIST2010electronNeutronMagMomRatio electron-neutron mag. mom. ratio

kNIST2010electronNeutronMassRatio electron-neutron mass ratio

kNIST2010electronProtonMagMomRatio electron-proton mag. mom. ratio

kNIST2010electronProtonMassRatio electron-proton mass ratio

kNIST2010electronTauMassRatio electron-tau mass ratio

kNIST2010electronToAlphaParticleMassRatio electron to alpha particle mass ratio

kNIST2010electronToShieldedHelionMagMomRatio electron to shielded helion mag. mom. ratio

kNIST2010electronToShieldedProtonMagMomRatio electron to shielded proton mag. mom. ratio

kNIST2010electronTritonMassRatio electron-triton mass ratio

kNIST2010electronVolt electron volt

kNIST2010electronVoltAtomicMassUnitRelationship electron volt-atomic mass unit relationship

kNIST2010electronVoltHartreeRelationship electron volt-hartree relationship

kNIST2010electronVoltHertzRelationship electron volt-hertz relationship

kNIST2010electronVoltInverseMeterRelationship electron volt-inverse meter relationship

kNIST2010electronVoltJouleRelationship electron volt-joule relationship

kNIST2010electronVoltKelvinRelationship electron volt-kelvin relationship

kNIST2010electronVoltKilogramRelationship electron volt-kilogram relationship

kNIST2010elementaryCharge elementary charge

kNIST2010elementaryChargeOverH elementary charge over h

kNIST2010FaradayConstant Faraday constant

kNIST2010FaradayConstantForConventionalElectricCurrent Faraday constant for conventional electric current

kNIST2010FermiCouplingConstant Fermi coupling constant

kNIST2010fineStructureConstant fine-structure constant

kNIST2010firstRadiationConstant first radiation constant

kNIST2010firstRadiationConstantForSpectralRadiance first radiation constant for spectral radiance

kNIST2010hartreeAtomicMassUnitRelationship hartree-atomic mass unit relationship

kNIST2010hartreeElectronVoltRelationship hartree-electron volt relationship

kNIST2010HartreeEnergy Hartree energy

kNIST2010HartreeEnergyInEV Hartree energy in eV

kNIST2010hartreeHertzRelationship hartree-hertz relationship

kNIST2010hartreeInverseMeterRelationship hartree-inverse meter relationship

kNIST2010hartreeJouleRelationship hartree-joule relationship

kNIST2010hartreeKelvinRelationship hartree-kelvin relationship

kNIST2010hartreeKilogramRelationship hartree-kilogram relationship

kNIST2010helionElectronMassRatio helion-electron mass ratio

kNIST2010helionGFactor helion g factor

kNIST2010helionMagMom helion mag. mom.

kNIST2010helionMagMomToBohrMagnetonRatio helion mag. mom. to Bohr magneton ratio

kNIST2010helionMagMomToNuclearMagnetonRatio helion mag. mom. to nuclear magneton ratio

kNIST2010helionMass helion mass

kNIST2010helionMassEnergyEquivalent helion mass energy equivalent

kNIST2010helionMassEnergyEquivalentInMeV helion mass energy equivalent in MeV

kNIST2010helionMassInU helion mass in u

kNIST2010helionMolarMass helion molar mass

kNIST2010helionProtonMassRatio helion-proton mass ratio

kNIST2010hertzAtomicMassUnitRelationship hertz-atomic mass unit relationship

kNIST2010hertzElectronVoltRelationship hertz-electron volt relationship

kNIST2010hertzHartreeRelationship hertz-hartree relationship

kNIST2010hertzInverseMeterRelationship hertz-inverse meter relationship

kNIST2010hertzJouleRelationship hertz-joule relationship

kNIST2010hertzKelvinRelationship hertz-kelvin relationship

kNIST2010hertzKilogramRelationship hertz-kilogram relationship

kNIST2010inverseFineStructureConstant inverse fine-structure constant

kNIST2010inverseMeterAtomicMassUnitRelationship inverse meter-atomic mass unit relationship

kNIST2010inverseMeterElectronVoltRelationship inverse meter-electron volt relationship

kNIST2010inverseMeterHartreeRelationship inverse meter-hartree relationship

kNIST2010inverseMeterHertzRelationship inverse meter-hertz relationship

kNIST2010inverseMeterJouleRelationship inverse meter-joule relationship

kNIST2010inverseMeterKelvinRelationship inverse meter-kelvin relationship

kNIST2010inverseMeterKilogramRelationship inverse meter-kilogram relationship

kNIST2010inverseOfConductanceQuantum inverse of conductance quantum

kNIST2010JosephsonConstant Josephson constant

kNIST2010jouleAtomicMassUnitRelationship joule-atomic mass unit relationship

kNIST2010jouleElectronVoltRelationship joule-electron volt relationship

kNIST2010jouleHartreeRelationship joule-hartree relationship

kNIST2010jouleHertzRelationship joule-hertz relationship

kNIST2010jouleInverseMeterRelationship joule-inverse meter relationship

kNIST2010jouleKelvinRelationship joule-kelvin relationship

kNIST2010jouleKilogramRelationship joule-kilogram relationship

kNIST2010kelvinAtomicMassUnitRelationship kelvin-atomic mass unit relationship

kNIST2010kelvinElectronVoltRelationship kelvin-electron volt relationship

kNIST2010kelvinHartreeRelationship kelvin-hartree relationship

kNIST2010kelvinHertzRelationship kelvin-hertz relationship

kNIST2010kelvinInverseMeterRelationship kelvin-inverse meter relationship

kNIST2010kelvinJouleRelationship kelvin-joule relationship

kNIST2010kelvinKilogramRelationship kelvin-kilogram relationship

kNIST2010kilogramAtomicMassUnitRelationship kilogram-atomic mass unit relationship

kNIST2010kilogramElectronVoltRelationship kilogram-electron volt relationship

kNIST2010kilogramHartreeRelationship kilogram-hartree relationship

kNIST2010kilogramHertzRelationship kilogram-hertz relationship

kNIST2010kilogramInverseMeterRelationship kilogram-inverse meter relationship

kNIST2010kilogramJouleRelationship kilogram-joule relationship

kNIST2010kilogramKelvinRelationship kilogram-kelvin relationship

kNIST2010latticeParameterOfSilicon lattice parameter of silicon

kNIST2010LoschmidtConstant Loschmidt constant (273.15 K, 100 kPa)

kNIST2010LoschmidtConstant Loschmidt constant (273.15 K, 101.325 kPa)

kNIST2010magConstant mag. constant

kNIST2010magFluxQuantum mag. flux quantum

kNIST2010molarGasConstant molar gas constant

kNIST2010molarMassConstant molar mass constant

kNIST2010molarMassOfCarbon12 molar mass of carbon-12

kNIST2010molarPlanckConstant molar Planck constant

kNIST2010molarPlanckConstantTimesC molar Planck constant times c

kNIST2010molarVolumeOfIdealGas molar volume of ideal gas (273.15 K, 100 kPa)

kNIST2010molarVolumeOfIdealGas molar volume of ideal gas (273.15 K, 101.325 kPa)

kNIST2010molarVolumeOfSilicon molar volume of silicon

kNIST2010MoXUnit Mo x unit

kNIST2010muonComptonWavelength muon Compton wavelength

kNIST2010muonComptonWavelengthOver2Pi muon Compton wavelength over 2 pi

kNIST2010muonElectronMassRatio muon-electron mass ratio

kNIST2010muonGFactor muon g factor

kNIST2010muonMagMom muon mag. mom.

kNIST2010muonMagMomAnomaly muon mag. mom. anomaly

kNIST2010muonMagMomToBohrMagnetonRatio muon mag. mom. to Bohr magneton ratio

kNIST2010muonMagMomToNuclearMagnetonRatio muon mag. mom. to nuclear magneton ratio

kNIST2010muonMass muon mass

kNIST2010muonMassEnergyEquivalent muon mass energy equivalent

kNIST2010muonMassEnergyEquivalentInMeV muon mass energy equivalent in MeV

kNIST2010muonMassInU muon mass in u

kNIST2010muonMolarMass muon molar mass

kNIST2010muonNeutronMassRatio muon-neutron mass ratio

kNIST2010muonProtonMagMomRatio muon-proton mag. mom. ratio

kNIST2010muonProtonMassRatio muon-proton mass ratio

kNIST2010muonTauMassRatio muon-tau mass ratio

kNIST2010naturalUnitOfAction natural unit of action

kNIST2010naturalUnitOfActionInEVS natural unit of action in eV s

kNIST2010naturalUnitOfEnergy natural unit of energy

kNIST2010naturalUnitOfEnergyInMeV natural unit of energy in MeV

kNIST2010naturalUnitOfLength natural unit of length

kNIST2010naturalUnitOfMass natural unit of mass

kNIST2010naturalUnitOfMomUm natural unit of mom.um

kNIST2010naturalUnitOfMomUmInMeVc natural unit of mom.um in MeV/c

kNIST2010naturalUnitOfTime natural unit of time

kNIST2010naturalUnitOfVelocity natural unit of velocity

kNIST2010neutronComptonWavelength neutron Compton wavelength

kNIST2010neutronComptonWavelengthOver2Pi neutron Compton wavelength over 2 pi

kNIST2010neutronElectronMagMomRatio neutron-electron mag. mom. ratio

kNIST2010neutronElectronMassRatio neutron-electron mass ratio

kNIST2010neutronGFactor neutron g factor

kNIST2010neutronGyromagRatio neutron gyromag. ratio

kNIST2010neutronGyromagRatioOver2Pi neutron gyromag. ratio over 2 pi

kNIST2010neutronMagMom neutron mag. mom.

kNIST2010neutronMagMomToBohrMagnetonRatio neutron mag. mom. to Bohr magneton ratio

kNIST2010neutronMagMomToNuclearMagnetonRatio neutron mag. mom. to nuclear magneton ratio

kNIST2010neutronMass neutron mass

kNIST2010neutronMassEnergyEquivalent neutron mass energy equivalent

kNIST2010neutronMassEnergyEquivalentInMeV neutron mass energy equivalent in MeV

kNIST2010neutronMassInU neutron mass in u

kNIST2010neutronMolarMass neutron molar mass

kNIST2010neutronMuonMassRatio neutron-muon mass ratio

kNIST2010neutronProtonMagMomRatio neutron-proton mag. mom. ratio

kNIST2010neutronProtonMassDifference neutron-proton mass difference

kNIST2010neutronProtonMassDifferenceEnergyEquivalent neutron-proton mass difference energy equivalent

kNIST2010neutronProtonMassDifferenceEnergyEquivalentInMeV neutron-proton mass difference energy equivalent in MeV

kNIST2010neutronProtonMassDifferenceInU neutron-proton mass difference in u

kNIST2010neutronProtonMassRatio neutron-proton mass ratio

kNIST2010neutronTauMassRatio neutron-tau mass ratio

kNIST2010neutronToShieldedProtonMagMomRatio neutron to shielded proton mag. mom. ratio

kNIST2010NewtonianConstantOfGravitation Newtonian constant of gravitation

kNIST2010NewtonianConstantOfGravitationOverHBarC Newtonian constant of gravitation over h-bar c

kNIST2010nuclearMagneton nuclear magneton

kNIST2010nuclearMagnetonInEVT nuclear magneton in eV/T

kNIST2010nuclearMagnetonInInverseMetersPerTesla nuclear magneton in inverse meters per tesla

kNIST2010nuclearMagnetonInKT nuclear magneton in K/T

kNIST2010nuclearMagnetonInMHzT nuclear magneton in MHz/T

kNIST2010PlanckConstant Planck constant

kNIST2010PlanckConstantInEVS Planck constant in eV s

kNIST2010PlanckConstantOver2Pi Planck constant over 2 pi

kNIST2010PlanckConstantOver2PiInEVS Planck constant over 2 pi in eV s

kNIST2010PlanckConstantOver2PiTimesCInMeVFm Planck constant over 2 pi times c in MeV fm

kNIST2010PlanckLength Planck length

kNIST2010PlanckMass Planck mass

kNIST2010PlanckMassEnergyEquivalentInGeV Planck mass energy equivalent in GeV

kNIST2010PlanckTemperature Planck temperature

kNIST2010PlanckTime Planck time

kNIST2010protonChargeToMassQuotient proton charge to mass quotient

kNIST2010protonComptonWavelength proton Compton wavelength

kNIST2010protonComptonWavelengthOver2Pi proton Compton wavelength over 2 pi

kNIST2010protonElectronMassRatio proton-electron mass ratio

kNIST2010protonGFactor proton g factor

kNIST2010protonGyromagRatio proton gyromag. ratio

kNIST2010protonGyromagRatioOver2Pi proton gyromag. ratio over 2 pi

kNIST2010protonMagMom proton mag. mom.

kNIST2010protonMagMomToBohrMagnetonRatio proton mag. mom. to Bohr magneton ratio

kNIST2010protonMagMomToNuclearMagnetonRatio proton mag. mom. to nuclear magneton ratio

kNIST2010protonMagShieldingCorrection proton mag. shielding correction

kNIST2010protonMass proton mass

kNIST2010protonMassEnergyEquivalent proton mass energy equivalent

kNIST2010protonMassEnergyEquivalentInMeV proton mass energy equivalent in MeV

kNIST2010protonMassInU proton mass in u

kNIST2010protonMolarMass proton molar mass

kNIST2010protonMuonMassRatio proton-muon mass ratio

kNIST2010protonNeutronMagMomRatio proton-neutron mag. mom. ratio

kNIST2010protonNeutronMassRatio proton-neutron mass ratio

kNIST2010protonRmsChargeRadius proton rms charge radius

kNIST2010protonTauMassRatio proton-tau mass ratio

kNIST2010quantumOfCirculation quantum of circulation

kNIST2010quantumOfCirculationTimes2 quantum of circulation times 2

kNIST2010RydbergConstant Rydberg constant

kNIST2010RydbergConstantTimesCInHz Rydberg constant times c in Hz

kNIST2010RydbergConstantTimesHcInEV Rydberg constant times hc in eV

kNIST2010RydbergConstantTimesHcInJ Rydberg constant times hc in J

kNIST2010SackurTetrodeConstant Sackur-Tetrode constant (1 K, 100 kPa)

kNIST2010SackurTetrodeConstant Sackur-Tetrode constant (1 K, 101.325 kPa)

kNIST2010secondRadiationConstant second radiation constant

kNIST2010shieldedHelionGyromagRatio shielded helion gyromag. ratio

kNIST2010shieldedHelionGyromagRatioOver2Pi shielded helion gyromag. ratio over 2 pi

kNIST2010shieldedHelionMagMom shielded helion mag. mom.

kNIST2010shieldedHelionMagMomToBohrMagnetonRatio shielded helion mag. mom. to Bohr magneton ratio

kNIST2010shieldedHelionMagMomToNuclearMagnetonRatio shielded helion mag. mom. to nuclear magneton ratio

kNIST2010shieldedHelionToProtonMagMomRatio shielded helion to proton mag. mom. ratio

kNIST2010shieldedHelionToShieldedProtonMagMomRatio shielded helion to shielded proton mag. mom. ratio

kNIST2010shieldedProtonGyromagRatio shielded proton gyromag. ratio

kNIST2010shieldedProtonGyromagRatioOver2Pi shielded proton gyromag. ratio over 2 pi

kNIST2010shieldedProtonMagMom shielded proton mag. mom.

kNIST2010shieldedProtonMagMomToBohrMagnetonRatio shielded proton mag. mom. to Bohr magneton ratio

kNIST2010shieldedProtonMagMomToNuclearMagnetonRatio shielded proton mag. mom. to nuclear magneton ratio

kNIST2010speedOfLightInVacuum speed of light in vacuum

kNIST2010standardAccelerationOfGravity standard acceleration of gravity

kNIST2010standardAtmosphere standard atmosphere

kNIST2010standardStatePressure standard-state pressure

kNIST2010StefanBoltzmannConstant Stefan-Boltzmann constant

kNIST2010tauComptonWavelength tau Compton wavelength

kNIST2010tauComptonWavelengthOver2Pi tau Compton wavelength over 2 pi

kNIST2010tauElectronMassRatio tau-electron mass ratio

kNIST2010tauMass tau mass

kNIST2010tauMassEnergyEquivalent tau mass energy equivalent

kNIST2010tauMassEnergyEquivalentInMeV tau mass energy equivalent in MeV

kNIST2010tauMassInU tau mass in u

kNIST2010tauMolarMass tau molar mass

kNIST2010tauMuonMassRatio tau-muon mass ratio

kNIST2010tauNeutronMassRatio tau-neutron mass ratio

kNIST2010tauProtonMassRatio tau-proton mass ratio

kNIST2010ThomsonCrossSection Thomson cross section

kNIST2010tritonElectronMassRatio triton-electron mass ratio

kNIST2010tritonGFactor triton g factor

kNIST2010tritonMagMom triton mag. mom.

kNIST2010tritonMagMomToBohrMagnetonRatio triton mag. mom. to Bohr magneton ratio

kNIST2010tritonMagMomToNuclearMagnetonRatio triton mag. mom. to nuclear magneton ratio

kNIST2010tritonMass triton mass

kNIST2010tritonMassEnergyEquivalent triton mass energy equivalent

kNIST2010tritonMassEnergyEquivalentInMeV triton mass energy equivalent in MeV

kNIST2010tritonMassInU triton mass in u

kNIST2010tritonMolarMass triton molar mass

kNIST2010tritonProtonMassRatio triton-proton mass ratio

kNIST2010unifiedAtomicMassUnit unified atomic mass unit

kNIST2010vonKlitzingConstant von Klitzing constant

kNIST2010weakMixingAngle weak mixing angle

kNIST2010WienFrequencyDisplacementLawConstant Wien frequency displacement law constant

kNIST2010WienWavelengthDisplacementLawConstant Wien wavelength displacement law constant

Usage

```
kNIST2010latticeSpacingOfSilicon
```

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
## Not run: print(kNIST2010latticeSpacingOfSilicon)
```

---

kNISTnonSIatomicUnitOf1stHyperpolarizability

NIST Physical Constants

Description

kNISTnonSIatomicUnitOf1stHyperpolarizability atomic unit of 1st hyperpolarizability

kNISTnonSIatomicUnitOf2ndHyperpolarizability atomic unit of 2nd hyperpolarizability

kNISTnonSIatomicUnitOfAction atomic unit of action

kNISTnonSIatomicUnitOfCharge atomic unit of charge

kNISTnonSIatomicUnitOfChargeDensity atomic unit of charge density

kNISTnonSIatomicUnitOfCurrent atomic unit of current

kNISTnonSIatomicUnitOfElectricDipoleMoment atomic unit of electric dipole moment

kNISTnonSIatomicUnitOfElectricField atomic unit of electric field

kNISTnonSIatomicUnitOfElectricFieldGradient atomic unit of electric field gradient

kNISTnonSIatomicUnitOfElectricPolarizability atomic unit of electric polarizability

kNISTnonSIatomicUnitOfElectricPotential atomic unit of electric potential

kNISTnonSIatomicUnitOfElectricQuadrupoleMoment atomic unit of electric quadrupole moment

kNISTnonSIatomicUnitOfEnergy atomic unit of energy

kNISTnonSIatomicUnitOfLength atomic unit of length

kNISTnonSIatomicUnitOfMagneticDipoleMoment atomic unit of magnetic dipole moment

kNISTnonSIatomicUnitOfMagneticFluxDensity atomic unit of magnetic flux density

kNISTnonSIatomicUnitOfMagnetizability atomic unit of magnetizability

kNISTnonSIatomicUnitOfMass atomic unit of mass

kNISTnonSIatomicUnitOfMomentum atomic unit of momentum

kNISTnonSIatomicUnitOfPermittivity atomic unit of permittivity

kNISTnonSIatomicUnitOfTime atomic unit of time

kNISTnonSIatomicUnitOfVelocity atomic unit of velocity

kNISTnonSIelectronVolt electron volt

kNISTnonSInaturalUnitOfAction natural unit of action

kNISTnonSInaturalUnitOfActionInEVS natural unit of action in eV s

kNISTnonSInaturalUnitOfEnergy natural unit of energy

kNISTnonSInaturalUnitOfEnergyInMeV natural unit of energy in MeV

kNISTnonSInaturalUnitOfLength natural unit of length

kNISTnonSInaturalUnitOfMass natural unit of mass

kNISTnonSInaturalUnitOfMomentum natural unit of momentum

kNISTnonSInaturalUnitOfMomentumInMeVc natural unit of momentum in MeV/c

kNISTnonSInaturalUnitOfTime natural unit of time

kNISTnonSIPlanckConstantOver2PiTimesCInMeVFm Planck constant over 2 pi times c in MeV fm

kNISTnonSIspeedOfLightInVacuum speed of light in vacuum

kNISTnonSIunifiedAtomicMassUnit unified atomic mass unit

Usage

```
kNISTnonSIatomicUnitOf1stHyperpolarizability
```

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/cgi-bin/cuu/Value?auhypol|search_for=nonsi_in!

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/cgi-bin/cuu/Value?auhypol|search_for=nonsi_in!

Examples

```
## Not run: print(kNISTnonSIatomicUnitOf1stHyperpolarizability)
```

NISTabampereTOampere *Convert abampere to ampere*

Description

NISTabampereTOampere converts from abampere to ampere (A)

Usage

```
NISTabampereTOampere(abampere)
```

Arguments

abampere	abampere

Value

ampere (A)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTabampereTOampere(10)
```

NISTabcoulombTOcoulomb *Convert abcoulomb to coulomb*

Description

NISTabcoulombTOcoulomb converts from abcoulomb to coulomb (C)

Usage

```
NISTabcoulombTOcoulomb(abcoulomb)
```

Arguments

abcoulomb	abcoulomb

Value

coulomb (C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTabcoulombTOcoulomb(10)
```

NISTabfaradTOfarad *Convert abfarad to farad*

Description

NISTabfaradTOfarad converts from abfarad to farad (F)

Usage

```
NISTabfaradTOfarad(abfarad)
```

Arguments

abfarad	abfarad

Value

farad (F)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTabfaradTOfarad(10)
```

NISTabhenryTOhenry *Convert abhenry to henry*

Description

NISTabhenryTOhenry converts from abhenry to henry (H)

Usage

```
NISTabhenryTOhenry(abhenry)
```

Arguments

abhenry	abhenry

Value

henry (H)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTabhenryTOhenry(10)
```

NISTabmhoTOsiemens *Convert abmho to siemens*

Description

NISTabmhoTOsiemens converts from abmho to siemens (S)

Usage

```
NISTabmhoTOsiemens(abmho)
```

Arguments

abmho	abmho

Value

siemens (S)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTabmhoTOsiemens(10)
```

NISTabohmTOohm *Convert abohm to ohm*

Description

NISTabohmTOohm converts from abohm to ohm (ohm)

Usage

```
NISTabohmTOohm(abohm)
```

Arguments

abohm	abohm

Value

ohm (ohm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTabohmTOohm(10)
```

NISTabvoltTOvolt *Convert abvolt to volt*

Description

NISTabvoltTOvolt converts from abvolt to volt (V)

Usage

```
NISTabvoltTOvolt(abvolt)
```

Arguments

abvolt	abvolt

Value

volt (V)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTabvoltTOvolt(10)
```

`NISTaccelOfFreeFallStdTOmeterPerSecSqrd`
Convert acceleration of free fall, standard to meter per second squared

Description

`NISTaccelOfFreeFallStdTOmeterPerSecSqrd` converts from acceleration of free fall, standard (gn) to meter per second squared (m / s2)

Usage

```
NISTaccelOfFreeFallStdTOmeterPerSecSqrd(accelOfFreeFallStd)
```

Arguments

`accelOfFreeFallStd`
: acceleration of free fall, standard (gn)

Value

meter per second squared (m / s2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTaccelOfFreeFallStdTOmeterPerSecSqrd(10)
```

NISTacreFtTOcubMeter *Convert acre foot 7 to cubic meter*

Description

NISTacreFtTOcubMeter converts from acre foot (based on U.S. survey foot) 7 to cubic meter (m3)

Usage

```
NISTacreFtTOcubMeter(acreFt)
```

Arguments

acreFt	acre foot (based on U.S. survey foot) 7

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTacreFtTOcubMeter(10)
```

NISTacreTOsqrMeter *Convert acre 7 to square meter*

Description

NISTacreTOsqrMeter converts from acre (based on U.S. survey foot) 7 to square meter (m2)

Usage

```
NISTacreTOsqrMeter(acre)
```

Arguments

acre	acre (based on U.S. survey foot) 7

Value

square meter (m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTacreTOsqrMeter(10)
```

NISTampereHourTOcoulomb *Convert ampere hour to coulomb*

Description

NISTampereHourTOcoulomb converts from ampere hour (A * h) to coulomb (C)

Usage

```
NISTampereHourTOcoulomb(ampereHour)
```

Arguments

ampereHour	ampere hour (A * h)

Value

coulomb (C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTampereHourTOcoulomb(10)
```

NISTamperePerMeterTOoersted *Convert ampere per meter to oersted*

Description

NISTamperePerMeterTOoersted converts from ampere per meter (A/m) to oersted (Oe)

Usage

```
NISTamperePerMeterTOoersted(amperePerMeter)
```

Arguments

amperePerMeter	ampere per meter (A/m)

Value

oersted (Oe)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTamperePerMeterTOoersted(10)
```

NISTampereTOabampere *Convert ampere to abampere*

Description

NISTampereTOabampere converts from ampere (A) to abampere

Usage

```
NISTampereTOabampere(ampere)
```

Arguments

ampere	ampere (A)

Value

abampere

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTampereTOabampere(10)
```

`NISTampereTObiot` *Convert ampere to biot*

Description

`NISTampereTObiot` converts from ampere (A) to biot (Bi)

Usage

```
NISTampereTObiot(ampere)
```

Arguments

`ampere`	ampere (A)

Value

biot (Bi)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTampereTObiot(10)
```

NISTampereToEMUOfCurrent *Convert ampere to EMU of current*

Description

NISTampereToEMUOfCurrent converts from ampere (A) to EMU of current (abampere)

Usage

```
NISTampereToEMUOfCurrent(ampere)
```

Arguments

ampere	ampere (A)

Value

EMU of current (abampere)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTampereToEMUOfCurrent(10)
```

NISTampereToESUOfCurrent *Convert ampere to ESU of current*

Description

NISTampereToESUOfCurrent converts from ampere (A) to ESU of current (statampere)

Usage

```
NISTampereToESUOfCurrent(ampere)
```

Arguments

ampere	ampere (A)

Value

ESU of current (statampere)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTampereToESUOfCurrent(10)
```

NISTampereTOgilbert *Convert ampere to gilbert*

Description

NISTampereTOgilbert converts from ampere (A) to gilbert (Gi)

Usage

```
NISTampereTOgilbert(ampere)
```

Arguments

ampere	ampere (A)

Value

gilbert (Gi)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTampereTOgilbert(10)
```

NISTampereTOstatampere *Convert ampere to statampere*

Description

NISTampereTOstatampere converts from ampere (A) to statampere

Usage

```
NISTampereTOstatampere(ampere)
```

Arguments

ampere	ampere (A)

Value

statampere

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTampereTOstatampere(10)
```

NISTangstromTOmeter *Convert angstrom to meter*

Description

NISTangstromTOmeter converts from angstrom (a) to meter (m)

Usage

```
NISTangstromTOmeter(angstrom)
```

Arguments

angstrom	angstrom (a)

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTangstromTOmeter(10)
```

NISTangstromTOnanometer *Convert angstrom to nanometer*

Description

NISTangstromTOnanometer converts from angstrom (a) to nanometer (nm)

Usage

```
NISTangstromTOnanometer(angstrom)
```

Arguments

angstrom	angstrom (a)

Value

nanometer (nm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTangstromTOnanometer(10)
```

NISTareTOsqrMeter *Convert are to square meter*

Description

NISTareTOsqrMeter converts from are (a) to square meter (m2)

Usage

```
NISTareTOsqrMeter(are)
```

Arguments

are	are (a)

Value

square meter (m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTareTOsqrMeter(10)
```

NISTastronomicalUnTOmeter *Convert astronomical unit to meter*

Description

NISTastronomicalUnTOmeter converts from astronomical unit (ua) to meter (m)

Usage

```
NISTastronomicalUnTOmeter(astronomicalUn)
```

Arguments

astronomicalUn	astronomical unit (ua)

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTastronomicalUnTOmeter(10)
```

NISTatmosphereStdTOkpascal

Convert atmosphere, standard to kilopascal

Description

NISTatmosphereStdTOkpascal converts from atmosphere, standard (atm) to kilopascal (kPa)

Usage

```
NISTatmosphereStdTOkpascal(atmosphereStd)
```

Arguments

atmosphereStd	atmosphere, standard (atm)

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTatmosphereStdTOkpascal(10)
```

NISTatmosphereStdTOpascal

Convert atmosphere, standard to pascal

Description

NISTatmosphereStdTOpascal converts from atmosphere, standard (atm) to pascal (Pa)

Usage

```
NISTatmosphereStdTOpascal(atmosphereStd)
```

Arguments

atmosphereStd	atmosphere, standard (atm)

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTatmosphereStdTOpascal(10)
```

NISTatmosphereTechnicalTOkpascal
Convert atmosphere, technical 8 to kilopascal

Description

NISTatmosphereTechnicalTOkpascal converts from atmosphere, technical (at) 8 to kilopascal (kPa)

Usage

```
NISTatmosphereTechnicalTOkpascal(atmosphereTechnical)
```

Arguments

atmosphereTechnical	atmosphere, technical (at) 8

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTatmosphereTechnicalTOkpascal(10)
```

`NISTatmosphereTechnicalTOpascal` *Convert atmosphere, technical 8 to pascal*

Description

`NISTatmosphereTechnicalTOpascal` converts from atmosphere, technical (at) 8 to pascal (Pa)

Usage

```
NISTatmosphereTechnicalTOpascal(atmosphereTechnical)
```

Arguments

`atmosphereTechnical`	atmosphere, technical (at) 8

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTatmosphereTechnicalTOpascal(10)
```

NISTbarnTOsqrMeter *Convert barn to square meter*

Description

NISTbarnTOsqrMeter converts from barn (b) to square meter (m2)

Usage

```
NISTbarnTOsqrMeter(barn)
```

Arguments

barn	barn (b)

Value

square meter (m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTbarnTOsqrMeter(10)
```

`NISTbarrelTOcubMeter` *Convert barrel to cubic meter*

Description

`NISTbarrelTOcubMeter` converts from barrel [for petroleum, 42 gallons (U.S.)] (bbl) to cubic meter (m3)

Usage

```
NISTbarrelTOcubMeter(barrel)
```

Arguments

`barrel`	barrel [for petroleum, 42 gallons (U.S.)] (bbl)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTbarrelTOcubMeter(10)
```

`NISTbarrelTOliter` *Convert barrel to liter*

Description

`NISTbarrelTOliter` converts from barrel [for petroleum, 42 gallons (U.S.)] (bbl) to liter (L)

Usage

```
NISTbarrelTOliter(barrel)
```

Arguments

`barrel`	barrel [for petroleum, 42 gallons (U.S.)] (bbl)

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTbarrelTOliter(10)
```

NISTbarTOkpascal *Convert bar to kilopascal*

Description

NISTbarTOkpascal converts from bar (bar) to kilopascal (kPa)

Usage

```
NISTbarTOkpascal(bar)
```

Arguments

bar	bar (bar)

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTbarTOkpascal(10)
```

NISTbarTOpascal *Convert bar to pascal*

Description

NISTbarTOpascal converts from bar (bar) to pascal (Pa)

Usage

```
NISTbarTOpascal(bar)
```

Arguments

bar	bar (bar)

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTbarTOpascal(10)
```

`NISTbecquerelTOcurie` *Convert becquerel to curie*

Description

`NISTbecquerelTOcurie` converts from becquerel (Bq) to curie (Ci)

Usage

```
NISTbecquerelTOcurie(becquerel)
```

Arguments

`becquerel`	becquerel (Bq)

Value

curie (Ci)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTbecquerelTOcurie(10)
```

NISTbiotTOampere *Convert biot to ampere*

Description

NISTbiotTOampere converts from biot (Bi) to ampere (A)

Usage

```
NISTbiotTOampere(biot)
```

Arguments

biot	biot (Bi)

Value

ampere (A)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTbiotTOampere(10)
```

`NISTbushelTOcubMeter` *Convert bushel to cubic meter*

Description

`NISTbushelTOcubMeter` converts from bushel (U.S.) (bu) to cubic meter (m3)

Usage

```
NISTbushelTOcubMeter(bushel)
```

Arguments

`bushel`	bushel (U.S.) (bu)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTbushelTOcubMeter(10)
```

NISTbushelTOliter *Convert bushel to liter*

Description

NISTbushelTOliter converts from bushel (U.S.) (bu) to liter (L)

Usage

```
NISTbushelTOliter(bushel)
```

Arguments

bushel	bushel (U.S.) (bu)

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTbushelTOliter(10)
```

`NISTcal15CtOjoule` *Convert calorie to joule*

Description

`NISTcal15CtOjoule` converts from calorie (15 C) (cal15) to joule (J)

Usage

```
NISTcal15CtOjoule(cal15C)
```

Arguments

`cal15C`	calorie (15 C) (cal15)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcal15CtOjoule(10)
```

NISTcal20CtOjoule *Convert calorie to joule*

Description

NISTcal20CtOjoule converts from calorie (20 C) (cal20) to joule (J)

Usage

```
NISTcal20CtOjoule(cal20C)
```

Arguments

cal20C	calorie (20 C) (cal20)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcal20CtOjoule(10)
```

NISTcalITKgTOjoule *Convert calorieIT, kilogram 11 to joule*

Description

NISTcalITKgTOjoule converts from calorieIT, kilogram (nutrition) 11 to joule (J)

Usage

```
NISTcalITKgTOjoule(calITKg)
```

Arguments

calITKg	calorieIT, kilogram (nutrition) 11

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcalITKgTOjoule(10)
```

NISTcalITPerGramDegCtOjoulePerKgK
Convert calorieIT per gram degree Celsius to joule per kilogram kelvin

Description

NISTcalITPerGramDegCtOjoulePerKgK converts from calorieIT per gram degree Celsius [calIT/(g * C)] to joule per kilogram kelvin [J/(kg * K)]

Usage

```
NISTcalITPerGramDegCtOjoulePerKgK(calITPerGramDegC)
```

Arguments

calITPerGramDegC
: calorieIT per gram degree Celsius [calIT/(g * C)]

Value

joule per kilogram kelvin [J/(kg * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcalITPerGramDegCtOjoulePerKgK(10)
```

NISTcalITPerGramKtOjoulePerKgK *Convert calorieIT per gram kelvin to joule per kilogram kelvin*

Description

NISTcalITPerGramKtOjoulePerKgK converts from calorieIT per gram kelvin [calIT/(g * K)] to joule per kilogram kelvin [J/(kg * K)]

Usage

```
NISTcalITPerGramKtOjoulePerKgK(calITPerGramK)
```

Arguments

calITPerGramK	calorieIT per gram kelvin [calIT/(g * K)]

Value

joule per kilogram kelvin [J/(kg * K)]

Author(s)

Jose Gama

Source

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References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcalITPerGramKtOjoulePerKgK(10)
```

NISTcalITPerGramTOjoulePerKg *Convert calorieIT per gram to joule per kilogram*

Description

NISTcalITPerGramTOjoulePerKg converts from calorieIT per gram (calIT/g) to joule per kilogram (J/kg)

Usage

```
NISTcalITPerGramTOjoulePerKg(calITPerGram)
```

Arguments

calITPerGram	calorieIT per gram (calIT/g)

Value

joule per kilogram (J/kg)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcalITPerGramTOjoulePerKg(10)
```

`NISTcalITtOjoule` *Convert calorieIT 10 to joule*

Description

`NISTcalITtOjoule` converts from calorieIT (calIT) 10 to joule (J)

Usage

```
NISTcalITtOjoule(calIT)
```

Arguments

`calIT`	calorieIT (calIT) 10

Value

joule (J)

Author(s)

Jose Gama

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References

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Examples

```
NISTcalITtOjoule(10)
```

NISTcalKgTOjoule *Convert calorie , kilogram 11 to joule*

Description

NISTcalKgTOjoule converts from calorie (mean), kilogram (nutrition) 11 to joule (J)

Usage

```
NISTcalKgTOjoule(calKg)
```

Arguments

calKg	calorie (mean), kilogram (nutrition) 11

Value

joule (J)

Author(s)

Jose Gama

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References

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Examples

```
NISTcalKgTOjoule(10)
```

NISTcalthKgTOjoule *Convert calorieth , kilogram 11 to joule*

Description

NISTcalthKgTOjoule converts from calorieth , kilogram (nutrition) 11 to joule (J)

Usage

```
NISTcalthKgTOjoule(calthKg)
```

Arguments

calthKg	calorieth , kilogram (nutrition) 11

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcalthKgTOjoule(10)
```

NISTcalthPerCmSecDegCtOwattPerMeterK
Convert calorieth per centimeter second degree Celsius to watt per meter kelvin

Description

NISTcalthPerCmSecDegCtOwattPerMeterK converts from calorieth per centimeter second degree Celsius [calth/(cm * s * C)] to watt per meter kelvin [W/(m * K)]

Usage

```
NISTcalthPerCmSecDegCtOwattPerMeterK(calthPerCmSecDegC)
```

Arguments

calthPerCmSecDegC
: calorieth per centimeter second degree Celsius [calth/(cm * s * C)]

Value

watt per meter kelvin [W/(m * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcalthPerCmSecDegCtOwattPerMeterK(10)
```

NISTcalthPerGramDegCtOjoulePerKgK *Convert calorieth per gram degree Celsius to joule per kilogram kelvin*

Description

NISTcalthPerGramDegCtOjoulePerKgK converts from calorieth per gram degree Celsius [calth/(g * C)] to joule per kilogram kelvin [J/(kg * K)]

Usage

```
NISTcalthPerGramDegCtOjoulePerKgK(calthPerGramDegC)
```

Arguments

calthPerGramDegC	calorieth per gram degree Celsius [calth/(g * C)]

Value

joule per kilogram kelvin [J/(kg * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcalthPerGramDegCtOjoulePerKgK(10)
```

NISTcalthPerGramKtOjoulePerKgK
Convert calorieth per gram kelvin to joule per kilogram kelvin

Description

NISTcalthPerGramKtOjoulePerKgK converts from calorieth per gram kelvin [calth/(g* K)] to joule per kilogram kelvin [J/(kg * K)]

Usage

```
NISTcalthPerGramKtOjoulePerKgK(calthPerGramK)
```

Arguments

calthPerGramK	calorieth per gram kelvin [calth/(g* K)]

Value

joule per kilogram kelvin [J/(kg * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcalthPerGramKtOjoulePerKgK(10)
```

NISTcalthPerGramTOjoulePerKg *Convert calorieth per gram to joule per kilogram*

Description

NISTcalthPerGramTOjoulePerKg converts from calorieth per gram (calth/g) to joule per kilogram (J/kg)

Usage

```
NISTcalthPerGramTOjoulePerKg(calthPerGram)
```

Arguments

calthPerGram	calorieth per gram (calth/g)

Value

joule per kilogram (J/kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

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Examples

```
NISTcalthPerGramTOjoulePerKg(10)
```

NISTcalthPerMinTOwatt *Convert calorieth per minute to watt*

Description

NISTcalthPerMinTOwatt converts from calorieth per minute (calth/min) to watt (W)

Usage

```
NISTcalthPerMinTOwatt(calthPerMin)
```

Arguments

calthPerMin	calorieth per minute (calth/min)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcalthPerMinTOwatt(10)
```

`NISTcalthPerSecTOwatt` *Convert calorieth per second to watt*

Description

`NISTcalthPerSecTOwatt` converts from calorieth per second (calth/s) to watt (W)

Usage

```
NISTcalthPerSecTOwatt(calthPerSec)
```

Arguments

`calthPerSec`	calorieth per second (calth/s)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcalthPerSecTOwatt(10)
```

NISTcalthPerSqrCmMinTOwattPerSqrMeter
Convert calorieth per square centimeter minute to watt per square meter

Description

NISTcalthPerSqrCmMinTOwattPerSqrMeter converts from calorieth per square centimeter minute [calth/(cm2 * min)] to watt per square meter (W/m2)

Usage

```
NISTcalthPerSqrCmMinTOwattPerSqrMeter(calthPerSqrCmMin)
```

Arguments

calthPerSqrCmMin
: calorieth per square centimeter minute [calth/(cm2 * min)]

Value

watt per square meter (W/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcalthPerSqrCmMinTOwattPerSqrMeter(10)
```

`NISTcalthPerSqrCmSecTOwattPerSqrMeter` *Convert calorieth per square centimeter second to watt per square meter*

Description

`NISTcalthPerSqrCmSecTOwattPerSqrMeter` converts from calorieth per square centimeter second [calth/(cm2 * s)] to watt per square meter (W/m2)

Usage

```
NISTcalthPerSqrCmSecTOwattPerSqrMeter(calthPerSqrCmSec)
```

Arguments

`calthPerSqrCmSec` calorieth per square centimeter second [calth/(cm2 * s)]

Value

watt per square meter (W/m2)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcalthPerSqrCmSecTOwattPerSqrMeter(10)
```

NISTcalthPerSqrCmTOjoulePerSqrMeter
Convert calorieth per square centimeter to joule per square meter

Description

NISTcalthPerSqrCmTOjoulePerSqrMeter converts from calorieth per square centimeter (calth/cm2) to joule per square meter (J/m2)

Usage

```
NISTcalthPerSqrCmTOjoulePerSqrMeter(calthPerSqrCm)
```

Arguments

calthPerSqrCm	calorieth per square centimeter (calth/cm2)

Value

joule per square meter (J/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcalthPerSqrCmTOjoulePerSqrMeter(10)
```

NISTcalthTOjoule *Convert calorieth 10 to joule*

Description

NISTcalthTOjoule converts from calorieth (calth) 10 to joule (J)

Usage

```
NISTcalthTOjoule(calth)
```

Arguments

calth	calorieth (calth) 10

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcalthTOjoule(10)
```

NISTcalTOjoule *Convert calorie to joule*

Description

NISTcalTOjoule converts from calorie (cal) (mean) to joule (J)

Usage

```
NISTcalTOjoule(cal)
```

Arguments

cal	calorie (cal) (mean)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcalTOjoule(10)
```

`NISTcandelaPerSqrInchTOcandelaPerSqrMeter` *Convert candela per square inch to candela per square meter*

Description

`NISTcandelaPerSqrInchTOcandelaPerSqrMeter` converts from candela per square inch (cd/in2) to candela per square meter (cd/m2)

Usage

```
NISTcandelaPerSqrInchTOcandelaPerSqrMeter(candelaPerSqrInch)
```

Arguments

`candelaPerSqrInch`	candela per square inch (cd/in2)

Value

candela per square meter (cd/m2)

Author(s)

Jose Gama

Source

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References

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Examples

```
NISTcandelaPerSqrInchTOcandelaPerSqrMeter(10)
```

NISTcandelaPerSqrMeterTOcandelaPerSqrInch
Convert candela per square meter to candela per square inch

Description

NISTcandelaPerSqrMeterTOcandelaPerSqrInch converts from candela per square meter (cd/m2) to candela per square inch (cd/in2)

Usage

```
NISTcandelaPerSqrMeterTOcandelaPerSqrInch(candelaPerSqrMeter)
```

Arguments

candelaPerSqrMeter
candela per square meter (cd/m2)

Value

candela per square inch (cd/in2)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcandelaPerSqrMeterTOcandelaPerSqrInch(10)
```

NISTcandelaPerSqrMeterTOftlambert
Convert candela per square meter to footlambert

Description

NISTcandelaPerSqrMeterTOftlambert converts from candela per square meter (cd/m2) to footlambert

Usage

```
NISTcandelaPerSqrMeterTOftlambert(candelaPerSqrMeter)
```

Arguments

candelaPerSqrMeter	candela per square meter (cd/m2)

Value

footlambert

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcandelaPerSqrMeterTOftlambert(10)
```

NISTcandelaPerSqrMeterTOlambert
Convert candela per square meter to lambert 17

Description

NISTcandelaPerSqrMeterTOlambert converts from candela per square meter (cd/m2) to lambert 17

Usage

```
NISTcandelaPerSqrMeterTOlambert(candelaPerSqrMeter)
```

Arguments

candelaPerSqrMeter
candela per square meter (cd/m2)

Value

lambert 17

Author(s)

Jose Gama

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References

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Examples

```
NISTcandelaPerSqrMeterTOlambert(10)
```

NISTcandelaPerSqrMeterTOstilb *Convert candela per square meter to stilb*

Description

NISTcandelaPerSqrMeterTOstilb converts from candela per square meter (cd/m2) to stilb (sb)

Usage

```
NISTcandelaPerSqrMeterTOstilb(candelaPerSqrMeter)
```

Arguments

candelaPerSqrMeter	candela per square meter (cd/m2)

Value

stilb (sb)

Author(s)

Jose Gama

Source

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References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcandelaPerSqrMeterTOstilb(10)
```

NISTcaratSItOgram *Convert carat, metric to gram*

Description

NISTcaratSItOgram converts from carat, metric to gram (g)

Usage

```
NISTcaratSItOgram(caratSI)
```

Arguments

caratSI	carat, metric

Value

gram (g)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcaratSItOgram(10)
```

NISTcaratSItOkg *Convert carat, metric to kilogram*

Description

NISTcaratSItOkg converts from carat, metric to kilogram (kg)

Usage

```
NISTcaratSItOkg(caratSI)
```

Arguments

caratSI	carat, metric

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcaratSItOkg(10)
```

NISTcentipoiseTOpascalSec *Convert centipoise to pascal second*

Description

NISTcentipoiseTOpascalSec converts from centipoise (cP) to pascal second (Pa * s)

Usage

```
NISTcentipoiseTOpascalSec(centipoise)
```

Arguments

centipoise	centipoise (cP)

Value

pascal second (Pa * s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcentipoiseTOpascalSec(10)
```

NISTcentistokesTOmeterSqrdPerSec
Convert centistokes to meter squared per second

Description

NISTcentistokesTOmeterSqrdPerSec converts from centistokes (cSt) to meter squared per second (m2/s)

Usage

```
NISTcentistokesTOmeterSqrdPerSec(centistokes)
```

Arguments

centistokes	centistokes (cSt)

Value

meter squared per second (m2/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcentistokesTOmeterSqrdPerSec(10)
```

NISTchainTOmeter *Convert chain 7 to meter*

Description

NISTchainTOmeter converts from chain (based on U.S. survey foot) (ch) 7 to meter (m)

Usage

```
NISTchainTOmeter(chain)
```

Arguments

chain	chain (based on U.S. survey foot) (ch) 7

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTchainTOmeter(10)
```

`NISTcircularMilTOsqrMeter` *Convert circular mil to square meter*

Description

`NISTcircularMilTOsqrMeter` converts from circular mil to square meter (m2)

Usage

```
NISTcircularMilTOsqrMeter(circularMil)
```

Arguments

`circularMil`	circular mil

Value

square meter (m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcircularMilTOsqrMeter(10)
```

NISTcircularMilTOsqrMillimeter
Convert circular mil to square millimeter

Description

NISTcircularMilTOsqrMillimeter converts from circular mil to square millimeter (mm2)

Usage

```
NISTcircularMilTOsqrMillimeter(circularMil)
```

Arguments

circularMil	circular mil

Value

square millimeter (mm2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcircularMilTOsqrMillimeter(10)
```

`NISTcloTOsqrMeterKPerWatt` *Convert clo to square meter kelvin per watt*

Description

`NISTcloTOsqrMeterKPerWatt` converts from clo to square meter kelvin per watt (m2 * K/W)

Usage

```
NISTcloTOsqrMeterKPerWatt(clo)
```

Arguments

`clo`	clo

Value

square meter kelvin per watt (m2 * K/W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcloTOsqrMeterKPerWatt(10)
```

NISTcmOfMercuryConvtnlTOkpascal
Convert centimeter of mercury, conventional 12 to kilopascal

Description

NISTcmOfMercuryConvtnlTOkpascal converts from centimeter of mercury, conventional (cmHg) 12 to kilopascal (kPa)

Usage

```
NISTcmOfMercuryConvtnlTOkpascal(cmOfMercuryConvtnl)
```

Arguments

cmOfMercuryConvtnl
centimeter of mercury, conventional (cmHg) 12

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcmOfMercuryConvtnlTOkpascal(10)
```

`NISTcmOfMercuryConvtnlTOpascal` *Convert centimeter of mercury, conventional 12 to pascal*

Description

`NISTcmOfMercuryConvtnlTOpascal` converts from centimeter of mercury, conventional (cmHg) 12 to pascal (Pa)

Usage

```
NISTcmOfMercuryConvtnlTOpascal(cmOfMercuryConvtnl)
```

Arguments

`cmOfMercuryConvtnl`	centimeter of mercury, conventional (cmHg) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcmOfMercuryConvtnlTOpascal(10)
```

NISTcmOfMercuryTOkpascal

Convert centimeter of mercury 12 to kilopascal

Description

NISTcmOfMercuryTOkpascal converts from centimeter of mercury (0 C) 12 to kilopascal (kPa)

Usage

```
NISTcmOfMercuryTOkpascal(cmOfMercury)
```

Arguments

cmOfMercury	centimeter of mercury (0 C) 12

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcmOfMercuryTOkpascal(10)
```

NISTcmOfMercuryTOpascal

Convert centimeter of mercury 12 to pascal

Description

NISTcmOfMercuryTOpascal converts from centimeter of mercury (0 C) 12 to pascal (Pa)

Usage

```
NISTcmOfMercuryTOpascal(cmOfMercury)
```

Arguments

cmOfMercury	centimeter of mercury (0 C) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcmOfMercuryTOpascal(10)
```

NISTcmOfWaterConvtnlTOpascal
Convert centimeter of water, conventional 12 to pascal

Description

NISTcmOfWaterConvtnlTOpascal converts from centimeter of water, conventional (cmH2O) 12 to pascal (Pa)

Usage

```
NISTcmOfWaterConvtnlTOpascal(cmOfWaterConvtnl)
```

Arguments

cmOfWaterConvtnl	centimeter of water, conventional (cmH2O) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcmOfWaterConvtnlTOpascal(10)
```

NISTcmOfWaterTOpascal *Convert centimeter of water 12 to pascal*

Description

NISTcmOfWaterTOpascal converts from centimeter of water (4 C) 12 to pascal (Pa)

Usage

```
NISTcmOfWaterTOpascal(cmOfWater)
```

Arguments

cmOfWater	centimeter of water (4 C) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcmOfWaterTOpascal(10)
```

NISTcmTOinch *Convert centimeter to inch*

Description

NISTcmTOinch converts from centimeter (cm) to inch (in)

Usage

```
NISTcmTOinch(cm)
```

Arguments

cm	centimeter (cm)

Value

inch (in)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcmTOinch(10)
```

`NISTcordTOcubMeter` *Convert cord to cubic meter*

Description

`NISTcordTOcubMeter` converts from cord (128 ft3) to cubic meter (m3)

Usage

```
NISTcordTOcubMeter(cord)
```

Arguments

`cord`	cord (128 ft3)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcordTOcubMeter(10)
```

NISTcoulombMeterTOdebye *Convert coulomb meter to debye*

Description

NISTcoulombMeterTOdebye converts from coulomb meter (C * m) to debye (D)

Usage

```
NISTcoulombMeterTOdebye(coulombMeter)
```

Arguments

coulombMeter	coulomb meter (C * m)

Value

debye (D)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcoulombMeterTOdebye(10)
```

NISTcoulombPerKgTOroentgen *Convert coulomb per kilogram to roentgen*

Description

NISTcoulombPerKgTOroentgen converts from coulomb per kilogram (C/kg) to roentgen (R)

Usage

```
NISTcoulombPerKgTOroentgen(coulombPerKg)
```

Arguments

coulombPerKg	coulomb per kilogram (C/kg)

Value

roentgen (R)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcoulombPerKgTOroentgen(10)
```

NISTcoulombTOabcoulomb *Convert coulomb to abcoulomb*

Description

NISTcoulombTOabcoulomb converts from coulomb (C) to abcoulomb

Usage

```
NISTcoulombTOabcoulomb(coulomb)
```

Arguments

coulomb	coulomb (C)

Value

abcoulomb

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcoulombTOabcoulomb(10)
```

NISTcoulombTOampereHour *Convert coulomb to ampere hour*

Description

NISTcoulombTOampereHour converts from coulomb (C) to ampere hour (A * h)

Usage

```
NISTcoulombTOampereHour(coulomb)
```

Arguments

coulomb	coulomb (C)

Value

ampere hour (A * h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcoulombTOampereHour(10)
```

NISTcoulombTOfaraday *Convert coulomb to faraday*

Description

NISTcoulombTOfaraday converts from coulomb (C) to faraday (based on carbon 12)

Usage

```
NISTcoulombTOfaraday(coulomb)
```

Arguments

coulomb	coulomb (C)

Value

faraday (based on carbon 12)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcoulombTOfaraday(10)
```

NISTcoulombTOfranklin *Convert coulomb to franklin*

Description

NISTcoulombTOfranklin converts from coulomb (C) to franklin (Fr)

Usage

```
NISTcoulombTOfranklin(coulomb)
```

Arguments

coulomb	coulomb (C)

Value

franklin (Fr)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcoulombTOfranklin(10)
```

NISTcoulombTOstatcoulomb *Convert coulomb to statcoulomb*

Description

NISTcoulombTOstatcoulomb converts from coulomb (C) to statcoulomb

Usage

```
NISTcoulombTOstatcoulomb(coulomb)
```

Arguments

coulomb	coulomb (C)

Value

statcoulomb

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcoulombTOstatcoulomb(10)
```

NISTcubFtPerMinTOcubMeterPerSec
Convert cubic foot per minute to cubic meter per second

Description

NISTcubFtPerMinTOcubMeterPerSec converts from cubic foot per minute (ft3/min) to cubic meter per second (m3/s)

Usage

```
NISTcubFtPerMinTOcubMeterPerSec(cubFtPerMin)
```

Arguments

cubFtPerMin	cubic foot per minute (ft3/min)

Value

cubic meter per second (m3/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubFtPerMinTOcubMeterPerSec(10)
```

NISTcubFtPerMinTOliterPerSec
Convert cubic foot per minute to liter per second

Description

NISTcubFtPerMinTOliterPerSec converts from cubic foot per minute (ft3/min) to liter per second (L/s)

Usage

```
NISTcubFtPerMinTOliterPerSec(cubFtPerMin)
```

Arguments

cubFtPerMin	cubic foot per minute (ft3/min)

Value

liter per second (L/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcubFtPerMinTOliterPerSec(10)
```

NISTcubFtPerSecTOcubMeterPerSec
Convert cubic foot per second to cubic meter per second

Description

NISTcubFtPerSecTOcubMeterPerSec converts from cubic foot per second (ft3/s) to cubic meter per second (m3/s)

Usage

```
NISTcubFtPerSecTOcubMeterPerSec(cubFtPerSec)
```

Arguments

cubFtPerSec	cubic foot per second (ft3/s)

Value

cubic meter per second (m3/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

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Examples

```
NISTcubFtPerSecTOcubMeterPerSec(10)
```

NISTcubFtTOcubMeter *Convert cubic foot to cubic meter*

Description

NISTcubFtTOcubMeter converts from cubic foot (ft3) to cubic meter (m3)

Usage

```
NISTcubFtTOcubMeter(cubFt)
```

Arguments

cubFt	cubic foot (ft3)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubFtTOcubMeter(10)
```

NISTcubInchPerMinTOcubMeterPerSec
Convert cubic inch per minute to cubic meter per second

Description

NISTcubInchPerMinTOcubMeterPerSec converts from cubic inch per minute (in3/min) to cubic meter per second (m3/s)

Usage

```
NISTcubInchPerMinTOcubMeterPerSec(cubInchPerMin)
```

Arguments

cubInchPerMin	cubic inch per minute (in3/min)

Value

cubic meter per second (m3/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubInchPerMinTOcubMeterPerSec(10)
```

NISTcubInchTOcubMeter *Convert cubic inch 13 to cubic meter*

Description

NISTcubInchTOcubMeter converts from cubic inch (in3) 13 to cubic meter (m3)

Usage

```
NISTcubInchTOcubMeter(cubInch)
```

Arguments

cubInch	cubic inch (in3) 13

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcubInchTOcubMeter(10)
```

`NISTcubMeterPerJouleTOgallonPerHorsepowerHour` *Convert cubic meter per joule to gallon per horsepower hour*

Description

`NISTcubMeterPerJouleTOgallonPerHorsepowerHour` converts from cubic meter per joule (m3/J) to gallon (U.S.) per horsepower hour [gal/(hp * h)]

Usage

```
NISTcubMeterPerJouleTOgallonPerHorsepowerHour(cubMeterPerJoule)
```

Arguments

`cubMeterPerJoule`	cubic meter per joule (m3/J)

Value

gallon (U.S.) per horsepower hour [gal/(hp * h)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcubMeterPerJouleTOgallonPerHorsepowerHour(10)
```

NISTcubMeterPerSecTOcubFtPerMin
Convert cubic meter per second to cubic foot per minute

Description

NISTcubMeterPerSecTOcubFtPerMin converts from cubic meter per second (m3/s) to cubic foot per minute (ft3/min)

Usage

```
NISTcubMeterPerSecTOcubFtPerMin(cubMeterPerSec)
```

Arguments

cubMeterPerSec	cubic meter per second (m3/s)

Value

cubic foot per minute (ft3/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcubMeterPerSecTOcubFtPerMin(10)
```

NISTcubMeterPerSecTOcubFtPerSec
Convert cubic meter per second to cubic foot per second

Description

NISTcubMeterPerSecTOcubFtPerSec converts from cubic meter per second (m3/s) to cubic foot per second (ft3/s)

Usage

```
NISTcubMeterPerSecTOcubFtPerSec(cubMeterPerSec)
```

Arguments

cubMeterPerSec	cubic meter per second (m3/s)

Value

cubic foot per second (ft3/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcubMeterPerSecTOcubFtPerSec(10)
```

NISTcubMeterPerSecTOcubInchPerMin
Convert cubic meter per second to cubic inch per minute

Description

NISTcubMeterPerSecTOcubInchPerMin converts from cubic meter per second (m3/s) to cubic inch per minute (in3/min)

Usage

```
NISTcubMeterPerSecTOcubInchPerMin(cubMeterPerSec)
```

Arguments

cubMeterPerSec	cubic meter per second (m3/s)

Value

cubic inch per minute (in3/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcubMeterPerSecTOcubInchPerMin(10)
```

NISTcubMeterPerSecTOcubYardPerMin
Convert cubic meter per second to cubic yard per minute

Description

NISTcubMeterPerSecTOcubYardPerMin converts from cubic meter per second (m3/s) to cubic yard per minute (yd3/min)

Usage

```
NISTcubMeterPerSecTOcubYardPerMin(cubMeterPerSec)
```

Arguments

cubMeterPerSec	cubic meter per second (m3/s)

Value

cubic yard per minute (yd3/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcubMeterPerSecTOcubYardPerMin(10)
```

NISTcubMeterPerSecTOgallonPerDay
Convert cubic meter per second to gallon per day

Description

NISTcubMeterPerSecTOgallonPerDay converts from cubic meter per second (m3/s) to gallon (U.S.) per day (gal/d)

Usage

```
NISTcubMeterPerSecTOgallonPerDay(cubMeterPerSec)
```

Arguments

cubMeterPerSec	cubic meter per second (m3/s)

Value

gallon (U.S.) per day (gal/d)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

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Examples

```
NISTcubMeterPerSecTOgallonPerDay(10)
```

NISTcubMeterPerSecTOgallonPerMin
Convert cubic meter per second to gallon per minute

Description

NISTcubMeterPerSecTOgallonPerMin converts from cubic meter per second (m3/s) to gallon (U.S.) per minute (gpm) (gal/min)

Usage

```
NISTcubMeterPerSecTOgallonPerMin(cubMeterPerSec)
```

Arguments

cubMeterPerSec	cubic meter per second (m3/s)

Value

gallon (U.S.) per minute (gpm) (gal/min)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTcubMeterPerSecTOgallonPerMin(10)
```

NISTcubMeterTOacreFt *Convert cubic meter to acre foot 7*

Description

NISTcubMeterTOacreFt converts from cubic meter (m3) to acre foot (based on U.S. survey foot) 7

Usage

```
NISTcubMeterTOacreFt(cubMeter)
```

Arguments

cubMeter	cubic meter (m3)

Value

acre foot (based on U.S. survey foot) 7

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOacreFt(10)
```

`NISTcubMeterTObarrel` *Convert cubic meter to barrel*

Description

`NISTcubMeterTObarrel` converts from cubic meter (m3) to barrel [for petroleum, 42 gallons (U.S.)] (bbl)

Usage

```
NISTcubMeterTObarrel(cubMeter)
```

Arguments

`cubMeter`	cubic meter (m3)

Value

barrel [for petroleum, 42 gallons (U.S.)] (bbl)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTObarrel(10)
```

NISTcubMeterTObushel *Convert cubic meter to bushel*

Description

NISTcubMeterTObushel converts from cubic meter (m3) to bushel (U.S.) (bu)

Usage

```
NISTcubMeterTObushel(cubMeter)
```

Arguments

cubMeter	cubic meter (m3)

Value

bushel (U.S.) (bu)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTObushel(10)
```

NISTcubMeterTOcord *Convert cubic meter to cord*

Description

NISTcubMeterTOcord converts from cubic meter (m3) to cord (128 ft3)

Usage

```
NISTcubMeterTOcord(cubMeter)
```

Arguments

cubMeter	cubic meter (m3)

Value

cord (128 ft3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOcord(10)
```

NISTcubMeterTOcubFt *Convert cubic meter to cubic foot*

Description

NISTcubMeterTOcubFt converts from cubic meter (m3) to cubic foot (ft3)

Usage

```
NISTcubMeterTOcubFt(cubMeter)
```

Arguments

cubMeter	cubic meter (m3)

Value

cubic foot (ft3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOcubFt(10)
```

NISTcubMeterTOcubInch *Convert cubic meter to cubic inch 13*

Description

NISTcubMeterTOcubInch converts from cubic meter (m3) to cubic inch (in3) 13

Usage

```
NISTcubMeterTOcubInch(cubMeter)
```

Arguments

cubMeter	cubic meter (m3)

Value

cubic inch (in3) 13

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOcubInch(10)
```

NISTcubMeterTOcubMile *Convert cubic meter to cubic mile*

Description

NISTcubMeterTOcubMile converts from cubic meter (m3) to cubic mile (mi3)

Usage

```
NISTcubMeterTOcubMile(cubMeter)
```

Arguments

cubMeter	cubic meter (m3)

Value

cubic mile (mi3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOcubMile(10)
```

`NISTcubMeterTOcubYard` *Convert cubic meter to cubic yard*

Description

`NISTcubMeterTOcubYard` converts from cubic meter (m3) to cubic yard (yd3)

Usage

```
NISTcubMeterTOcubYard(cubMeter)
```

Arguments

`cubMeter`	cubic meter (m3)

Value

cubic yard (yd3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOcubYard(10)
```

NISTcubMeterTOcup *Convert cubic meter to cup*

Description

NISTcubMeterTOcup converts from cubic meter (m3) to cup (U.S.)

Usage

```
NISTcubMeterTOcup(cubMeter)
```

Arguments

cubMeter	cubic meter (m3)

Value

cup (U.S.)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOcup(10)
```

NISTcubMeterTOfluidOunce *Convert cubic meter to fluid ounce*

Description

NISTcubMeterTOfluidOunce converts from cubic meter (m3) to fluid ounce (U.S.) (fl oz)

Usage

```
NISTcubMeterTOfluidOunce(cubMeter)
```

Arguments

cubMeter	cubic meter (m3)

Value

fluid ounce (U.S.) (fl oz)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOfluidOunce(10)
```

NISTcubMeterTOgallon *Convert cubic meter to gallon*

Description

NISTcubMeterTOgallon converts from cubic meter (m3) to gallon (U.S.) (gal)

Usage

```
NISTcubMeterTOgallon(cubMeter)
```

Arguments

cubMeter	cubic meter (m3)

Value

gallon (U.S.) (gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOgallon(10)
```

`NISTcubMeterTOgallonImperial` *Convert cubic meter to gallon*

Description

`NISTcubMeterTOgallonImperial` converts from cubic meter (m3) to gallon [Canadian and U.K. (Imperial)] (gal)

Usage

```
NISTcubMeterTOgallonImperial(cubMeter)
```

Arguments

`cubMeter`	cubic meter (m3)

Value

gallon [Canadian and U.K. (Imperial)] (gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOgallonImperial(10)
```

NISTcubMeterTOgill *Convert cubic meter to gill*

Description

NISTcubMeterTOgill converts from cubic meter (m3) to gill (U.S.) (gi)

Usage

```
NISTcubMeterTOgill(cubMeter)
```

Arguments

cubMeter	cubic meter (m3)

Value

gill (U.S.) (gi)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOgill(10)
```

`NISTcubMeterTOgillImperial` *Convert cubic meter to gill*

Description

`NISTcubMeterTOgillImperial` converts from cubic meter (m3) to gill [Canadian and U.K. (Imperial)] (gi)

Usage

```
NISTcubMeterTOgillImperial(cubMeter)
```

Arguments

`cubMeter`	cubic meter (m3)

Value

gill [Canadian and U.K. (Imperial)] (gi)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOgillImperial(10)
```

NISTcubMeterTOliter *Convert cubic meter to liter 19*

Description

NISTcubMeterTOliter converts from cubic meter (m3) to liter (L) 19

Usage

```
NISTcubMeterTOliter(cubMeter)
```

Arguments

cubMeter	cubic meter (m3)

Value

liter (L) 19

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOliter(10)
```

NISTcubMeterTOounce *Convert cubic meter to ounce*

Description

NISTcubMeterTOounce converts from cubic meter (m3) to ounce (U.S. fluid) (fl oz)

Usage

```
NISTcubMeterTOounce(cubMeter)
```

Arguments

cubMeter	cubic meter (m3)

Value

ounce (U.S. fluid) (fl oz)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOounce(10)
```

NISTcubMeterTOounceImperial *Convert cubic meter to ounce*

Description

NISTcubMeterTOounceImperial converts from cubic meter (m3) to ounce [Canadian and U.K. fluid (Imperial)] (fl oz)

Usage

```
NISTcubMeterTOounceImperial(cubMeter)
```

Arguments

cubMeter	cubic meter (m3)

Value

ounce [Canadian and U.K. fluid (Imperial)] (fl oz)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOounceImperial(10)
```

NISTcubMeterTOpeck *Convert cubic meter to peck*

Description

NISTcubMeterTOpeck converts from cubic meter (m3) to peck (U.S.) (pk)

Usage

```
NISTcubMeterTOpeck(cubMeter)
```

Arguments

cubMeter	cubic meter (m3)

Value

peck (U.S.) (pk)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOpeck(10)
```

NISTcubMeterTOpintUSdry *Convert cubic meter to pint*

Description

NISTcubMeterTOpintUSdry converts from cubic meter (m3) to pint (U.S. dry) (dry pt)

Usage

```
NISTcubMeterTOpintUSdry(cubMeter)
```

Arguments

cubMeter	cubic meter (m3)

Value

pint (U.S. dry) (dry pt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOpintUSdry(10)
```

NISTcubMeterTOpintUSliquid *Convert cubic meter to pint*

Description

NISTcubMeterTOpintUSliquid converts from cubic meter (m3) to pint (U.S. liquid) (liq pt)

Usage

```
NISTcubMeterTOpintUSliquid(cubMeter)
```

Arguments

cubMeter	cubic meter (m3)

Value

pint (U.S. liquid) (liq pt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOpintUSliquid(10)
```

NISTcubMeterTOquartUSdry *Convert cubic meter to quart*

Description

NISTcubMeterTOquartUSdry converts from cubic meter (m3) to quart (U.S. dry) (dry qt)

Usage

```
NISTcubMeterTOquartUSdry(cubMeter)
```

Arguments

cubMeter	cubic meter (m3)

Value

quart (U.S. dry) (dry qt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOquartUSdry(10)
```

NISTcubMeterTOquartUSliquid *Convert cubic meter to quart*

Description

NISTcubMeterTOquartUSliquid converts from cubic meter (m3) to quart (U.S. liquid) (liq qt)

Usage

```
NISTcubMeterTOquartUSliquid(cubMeter)
```

Arguments

cubMeter	cubic meter (m3)

Value

quart (U.S. liquid) (liq qt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOquartUSliquid(10)
```

NISTcubMeterTOstere *Convert cubic meter to stere*

Description

NISTcubMeterTOstere converts from cubic meter (m3) to stere (st)

Usage

```
NISTcubMeterTOstere(cubMeter)
```

Arguments

cubMeter	cubic meter (m3)

Value

stere (st)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOstere(10)
```

NISTcubMeterTOtablespoon

Convert cubic meter to tablespoon

Description

NISTcubMeterTOtablespoon converts from cubic meter (m3) to tablespoon

Usage

```
NISTcubMeterTOtablespoon(cubMeter)
```

Arguments

cubMeter	cubic meter (m3)

Value

tablespoon

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOtablespoon(10)
```

NISTcubMeterTOteaspoon

Convert cubic meter to teaspoon

Description

NISTcubMeterTOteaspoon converts from cubic meter (m3) to teaspoon

Usage

```
NISTcubMeterTOteaspoon(cubMeter)
```

Arguments

cubMeter	cubic meter (m3)

Value

teaspoon

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOteaspoon(10)
```

NISTcubMeterTOtonRegister *Convert cubic meter to ton, register*

Description

NISTcubMeterTOtonRegister converts from cubic meter (m3) to ton, register

Usage

```
NISTcubMeterTOtonRegister(cubMeter)
```

Arguments

cubMeter	cubic meter (m3)

Value

ton, register

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMeterTOtonRegister(10)
```

NISTcubMileTOcubMeter *Convert cubic mile to cubic meter*

Description

NISTcubMileTOcubMeter converts from cubic mile (mi3) to cubic meter (m3)

Usage

```
NISTcubMileTOcubMeter(cubMile)
```

Arguments

cubMile	cubic mile (mi3)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubMileTOcubMeter(10)
```

NISTcubYardPerMinTOcubMeterPerSec
Convert cubic yard per minute to cubic meter per second

Description

NISTcubYardPerMinTOcubMeterPerSec converts from cubic yard per minute (yd3/min) to cubic meter per second (m3/s)

Usage

```
NISTcubYardPerMinTOcubMeterPerSec(cubYardPerMin)
```

Arguments

cubYardPerMin	cubic yard per minute (yd3/min)

Value

cubic meter per second (m3/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubYardPerMinTOcubMeterPerSec(10)
```

NISTcubYardTOcubMeter *Convert cubic yard to cubic meter*

Description

NISTcubYardTOcubMeter converts from cubic yard (yd3) to cubic meter (m3)

Usage

```
NISTcubYardTOcubMeter(cubYard)
```

Arguments

cubYard	cubic yard (yd3)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcubYardTOcubMeter(10)
```

NISTcupTOcubMeter *Convert cup to cubic meter*

Description

NISTcupTOcubMeter converts from cup (U.S.) to cubic meter (m3)

Usage

```
NISTcupTOcubMeter(cup)
```

Arguments

cup	cup (U.S.)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcupTOcubMeter(10)
```

NISTcupTOliter *Convert cup to liter*

Description

NISTcupTOliter converts from cup (U.S.) to liter (L)

Usage

```
NISTcupTOliter(cup)
```

Arguments

cup	cup (U.S.)

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcupTOliter(10)
```

NISTcupTOml *Convert cup to milliliter*

Description

NISTcupTOml converts from cup (U.S.) to milliliter (mL)

Usage

```
NISTcupTOml(cup)
```

Arguments

cup	cup (U.S.)

Value

milliliter (mL)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcupTOml(10)
```

NISTcurieTObecquerel *Convert curie to becquerel*

Description

NISTcurieTObecquerel converts from curie (Ci) to becquerel (Bq)

Usage

```
NISTcurieTObecquerel(curie)
```

Arguments

curie	curie (Ci)

Value

becquerel (Bq)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTcurieTObecquerel(10)
```

NISTdarcyTOmeterSqrd *Convert darcy 14 to meter squared*

Description

NISTdarcyTOmeterSqrd converts from darcy 14 to meter squared (m2)

Usage

```
NISTdarcyTOmeterSqrd(darcy)
```

Arguments

darcy	darcy 14

Value

meter squared (m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdarcyTOmeterSqrd(10)
```

NISTdaySiderealTOsec *Convert day to second*

Description

NISTdaySiderealTOsec converts from day (sidereal) to second (s)

Usage

```
NISTdaySiderealTOsec(daySidereal)
```

Arguments

daySidereal	day (sidereal)

Value

second (s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdaySiderealTOsec(10)
```

NISTdayTOsec *Convert day to second*

Description

NISTdayTOsec converts from day (d) to second (s)

Usage

```
NISTdayTOsec(day)
```

Arguments

day	day (d)

Value

second (s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdayTOsec(10)
```

NISTdebyeTOcoulombMeter *Convert debye to coulomb meter*

Description

NISTdebyeTOcoulombMeter converts from debye (D) to coulomb meter (C * m)

Usage

```
NISTdebyeTOcoulombMeter(debye)
```

Arguments

debye	debye (D)

Value

coulomb meter (C * m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdebyeTOcoulombMeter(10)
```

NISTdegCentigradeTOdegC *Convert degree centigrade 15 to degree Celsius*

Description

NISTdegCentigradeTOdegC converts from degree centigrade (temperature interval) 15 to degree Celsius (C)

Usage

```
NISTdegCentigradeTOdegC(degCentigrade)
```

Arguments

degCentigrade	degree centigrade (temperature interval) 15

Value

degree Celsius (C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegCentigradeTOdegC(10)
```

NISTdegCentigradeTOdegCinterval *Convert degree centigrade temperature interval to degree Celsius*

Description

NISTdegCentigradeTOdegCinterval converts from degree centigrade (temperature interval) to degree Celsius (C)

Usage

```
NISTdegCentigradeTOdegCinterval(degCentigrade)
```

Arguments

degCentigrade	degree centigrade (temperature interval)

Value

degree Celsius (C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegCentigradeTOdegCinterval(10)
```

NISTdegCtOdegCentigrade *Convert degree Celsius to degree centigrade 15*

Description

NISTdegCtOdegCentigrade converts from degree Celsius (C) to degree centigrade (temperature interval) 15

Usage

```
NISTdegCtOdegCentigrade(degC)
```

Arguments

degC	degree Celsius (C)

Value

degree centigrade (temperature interval) 15

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegCtOdegCentigrade(10)
```

`NISTdegCtOdegCentigradeInterval` *Convert degree Celsius temperature interval to degree centigrade*

Description

`NISTdegCtOdegCentigradeInterval` converts from degree Celsius (C) to degree centigrade (temperature interval)

Usage

```
NISTdegCtOdegCentigradeInterval(degC)
```

Arguments

`degC`	degree Celsius (C)

Value

degree centigrade (temperature interval)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegCtOdegCentigradeInterval(10)
```

NISTdegCtOdegF *Convert degree Celsius to degree Fahrenheit*

Description

NISTdegCtOdegF converts from degree Celsius (C) to degree Fahrenheit (temperature interval) (F)

Usage

```
NISTdegCtOdegF(degC)
```

Arguments

degC	degree Celsius (C)

Value

degree Fahrenheit (temperature interval) (F)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegCtOdegF(10)
```

NISTdegCtOdegFinterval *Convert degree Celsius temperature interval to degree Fahrenheit*

Description

NISTdegCtOdegFinterval converts from degree Celsius (C) to degree Fahrenheit (temperature interval) (F)

Usage

```
NISTdegCtOdegFinterval(degC)
```

Arguments

degC	degree Celsius (C)

Value

degree Fahrenheit (temperature interval) (F)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegCtOdegFinterval(10)
```

NISTdegCtOk *Convert degree Celsius to kelvin*

Description

NISTdegCtOk converts from degree Celsius (C) to kelvin (K)

Usage

```
NISTdegCtOk(degC)
```

Arguments

degC	degree Celsius (C)

Value

kelvin (K)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegCtOk(10)
```

NISTdegCtOkInterval *Convert degree Celsius temperature interval to kelvin*

Description

NISTdegCtOkInterval converts from degree Celsius (C) to kelvin (temperature interval K)

Usage

```
NISTdegCtOkInterval(degC)
```

Arguments

degC	degree Celsius (C)

Value

kelvin (K)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegCtOkInterval(10)
```

NISTdegFHourPerUkThUnITtOkPerWatt
Convert degree Fahrenheit hour per British thermal unitIT to kelvin per watt

Description

NISTdegFHourPerUkThUnITtOkPerWatt converts from degree Fahrenheit hour per British thermal unitIT (F * h/BtuIT) to kelvin per watt (K/W)

Usage

```
NISTdegFHourPerUkThUnITtOkPerWatt(degFHourPerUkThUnIT)
```

Arguments

degFHourPerUkThUnIT
: degree Fahrenheit hour per British thermal unitIT (F * h/BtuIT)

Value

kelvin per watt (K/W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegFHourPerUkThUnITtOkPerWatt(10)
```

NISTdegFHourPerUkThUnthTOkPerWatt *Convert degree Fahrenheit hour per British thermal unitth to kelvin per watt*

Description

NISTdegFHourPerUkThUnthTOkPerWatt converts from degree Fahrenheit hour per British thermal unitth (F * h/Btuth) to kelvin per watt (K/W)

Usage

```
NISTdegFHourPerUkThUnthTOkPerWatt(degFHourPerUkThUnth)
```

Arguments

degFHourPerUkThUnth
: degree Fahrenheit hour per British thermal unitth (F * h/Btuth)

Value

kelvin per watt (K/W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegFHourPerUkThUnthTOkPerWatt(10)
```

NISTdegFHourSqrFtPerUkThUnITInchTOmeterKPerWatt
Convert degree Fahrenheit hour square foot per British thermal unitIT inch to meter kelvin per watt

Description

NISTdegFHourSqrFtPerUkThUnITInchTOmeterKPerWatt converts from degree Fahrenheit hour square foot per British thermal unitIT inch [F * h * ft2/(BtuIT * in)] to meter kelvin per watt (m * K/W)

Usage

```
NISTdegFHourSqrFtPerUkThUnITInchTOmeterKPerWatt(degFHourSqrFtPerUkThUnITInch)
```

Arguments

degFHourSqrFtPerUkThUnITInch	degree Fahrenheit hour square foot per British thermal unitIT inch [F * h * ft2/(BtuIT * in)]

Value

meter kelvin per watt (m * K/W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegFHourSqrFtPerUkThUnITInchTOmeterKPerWatt(10)
```

NISTdegFHourSqrFtPerUkThUnITtOsqrMeterKPerWatt
Convert degree Fahrenheit hour square foot per British thermal unitIT to square meter kelvin per watt

Description

NISTdegFHourSqrFtPerUkThUnITtOsqrMeterKPerWatt converts from degree Fahrenheit hour square foot per British thermal unitIT (F * h * ft2/BtuIT) to square meter kelvin per watt (m2 * K/W)

Usage

```
NISTdegFHourSqrFtPerUkThUnITtOsqrMeterKPerWatt(degFHourSqrFtPerUkThUnIT)
```

Arguments

degFHourSqrFtPerUkThUnIT
: degree Fahrenheit hour square foot per British thermal unitIT (F * h * ft2/BtuIT)

Value

square meter kelvin per watt (m2 * K/W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegFHourSqrFtPerUkThUnITtOsqrMeterKPerWatt(10)
```

NISTdegFHourSqrFtPerUkThUnthInchTOmeterKPerWatt
Convert degree Fahrenheit hour square foot per British thermal unitth inch to meter kelvin per watt

Description

NISTdegFHourSqrFtPerUkThUnthInchTOmeterKPerWatt converts from degree Fahrenheit hour square foot per British thermal unitth inch [F * h * ft2/(Btuth * in)] to meter kelvin per watt (m * K/W)

Usage

```
NISTdegFHourSqrFtPerUkThUnthInchTOmeterKPerWatt(degFHourSqrFtPerUkThUnthInch)
```

Arguments

degFHourSqrFtPerUkThUnthInch
: degree Fahrenheit hour square foot per British thermal unitth inch [F * h * ft2/(Btuth * in)]

Value

meter kelvin per watt (m * K/W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegFHourSqrFtPerUkThUnthInchTOmeterKPerWatt(10)
```

NISTdegFHourSqrFtPerUkThUnthTOsqrMeterKPerWatt
Convert degree Fahrenheit hour square foot per British thermal unitth to square meter kelvin per watt

Description

NISTdegFHourSqrFtPerUkThUnthTOsqrMeterKPerWatt converts from degree Fahrenheit hour square foot per British thermal unitth (F * h * ft2/Btuth) to square meter kelvin per watt (m2 * K/W)

Usage

```
NISTdegFHourSqrFtPerUkThUnthTOsqrMeterKPerWatt(degFHourSqrFtPerUkThUnth)
```

Arguments

degFHourSqrFtPerUkThUnth
: degree Fahrenheit hour square foot per British thermal unitth (F * h * ft2/Btuth)

Value

square meter kelvin per watt (m2 * K/W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegFHourSqrFtPerUkThUnthTOsqrMeterKPerWatt(10)
```

NISTdegFSecPerUkThUnITtOkPerWatt *Convert degree Fahrenheit second per British thermal unitIT to kelvin per watt*

Description

NISTdegFSecPerUkThUnITtOkPerWatt converts from degree Fahrenheit second per British thermal unitIT (F * s/BtuIT) to kelvin per watt (K/W)

Usage

```
NISTdegFSecPerUkThUnITtOkPerWatt(degFSecPerUkThUnIT)
```

Arguments

degFSecPerUkThUnIT	degree Fahrenheit second per British thermal unitIT (F * s/BtuIT)

Value

kelvin per watt (K/W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegFSecPerUkThUnITtOkPerWatt(10)
```

NISTdegFSecPerUkThUnthTOkPerWatt
Convert degree Fahrenheit second per British thermal unitth to kelvin per watt

Description

NISTdegFSecPerUkThUnthTOkPerWatt converts from degree Fahrenheit second per British thermal unitth (F * s/Btuth) to kelvin per watt (K/W)

Usage

```
NISTdegFSecPerUkThUnthTOkPerWatt(degFSecPerUkThUnth)
```

Arguments

degFSecPerUkThUnth
: degree Fahrenheit second per British thermal unitth (F * s/Btuth)

Value

kelvin per watt (K/W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegFSecPerUkThUnthTOkPerWatt(10)
```

NISTdegFtOdegC *Convert degree Fahrenheit to degree Celsius*

Description

NISTdegFtOdegC converts from degree Fahrenheit (temperature interval) (F) to degree Celsius (C)

Usage

```
NISTdegFtOdegC(degF)
```

Arguments

degF	degree Fahrenheit (temperature interval) (F)

Value

degree Celsius (C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegFtOdegC(10)
```

NISTdegFtOdegCinterval *Convert degree Fahrenheit temperature interval to degree Celsius*

Description

NISTdegFtOdegCinterval converts from degree Fahrenheit (temperature interval) (F) to degree Celsius (C)

Usage

```
NISTdegFtOdegCinterval(degF)
```

Arguments

degF	degree Fahrenheit (temperature interval) (F)

Value

degree Celsius (C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegFtOdegCinterval(10)
```

NISTdegFtOk *Convert degree Fahrenheit to kelvin*

Description

NISTdegFtOk converts from degree Fahrenheit (temperature interval) (F) to kelvin (K)

Usage

```
NISTdegFtOk(degF)
```

Arguments

degF	degree Fahrenheit (temperature interval) (F)

Value

kelvin (K)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegFtOk(10)
```

NISTdegFtOkInterval *Convert degree Fahrenheit temperature interval to kelvin*

Description

NISTdegFtOkInterval converts from degree Fahrenheit (temperature interval) (F) to kelvin (K)

Usage

```
NISTdegFtOkInterval(degF)
```

Arguments

degF	degree Fahrenheit (temperature interval) (F)

Value

kelvin (K)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegFtOkInterval(10)
```

NISTdegRankineTOk *Convert degree Rankine to kelvin*

Description

NISTdegRankineTOk converts from degree Rankine (temperature interval) (R) to kelvin (K)

Usage

```
NISTdegRankineTOk(degRankine)
```

Arguments

degRankine	degree Rankine (temperature interval) (R)

Value

kelvin (K)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegRankineTOk(10)
```

NISTdegRankineTOkInterval *Convert degree Rankine temperature interval to kelvin*

Description

NISTdegRankineTOkInterval converts from degree Rankine (temperature interval) (R) to kelvin (K)

Usage

```
NISTdegRankineTOkInterval(degRankine)
```

Arguments

degRankine	degree Rankine (temperature interval) (R)

Value

kelvin (K)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegRankineTOkInterval(10)
```

NISTdegTOgon *Convert degree to gon*

Description

NISTdegTOgon converts from degree (angle) () to gon (also called grade) (gon)

Usage

```
NISTdegTOgon(deg)
```

Arguments

deg	degree (angle) ()

Value

gon (also called grade) (gon)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegTOgon(10)
```

NISTdegTOmil *Convert degree to mil*

Description

NISTdegTOmil converts from degree () to mil (angle)

Usage

```
NISTdegTOmil(deg)
```

Arguments

deg	degree ()

Value

mil (angle)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegTOmil(10)
```

NISTdegTOradian *Convert degree to radian*

Description

NISTdegTOradian converts from degree (angle) () to radian (rad)

Usage

```
NISTdegTOradian(deg)
```

Arguments

deg	degree (angle) ()

Value

radian (rad)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdegTOradian(10)
```

NISTdenierTOgramPerMeter *Convert denier to gram per meter*

Description

NISTdenierTOgramPerMeter converts from denier to gram per meter (g/m)

Usage

```
NISTdenierTOgramPerMeter(denier)
```

Arguments

denier	denier

Value

gram per meter (g/m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdenierTOgramPerMeter(10)
```

NISTdenierTOkgPerMeter *Convert denier to kilogram per meter*

Description

NISTdenierTOkgPerMeter converts from denier to kilogram per meter (kg/m)

Usage

```
NISTdenierTOkgPerMeter(denier)
```

Arguments

denier	denier

Value

kilogram per meter (kg/m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdenierTOkgPerMeter(10)
```

NISTdyneCmTOnewtonMeter *Convert dyne centimeter to newton meter*

Description

NISTdyneCmTOnewtonMeter converts from dyne centimeter (dyn * cm) to newton meter (N * m)

Usage

```
NISTdyneCmTOnewtonMeter(dyneCm)
```

Arguments

dyneCm	dyne centimeter (dyn * cm)

Value

newton meter (N * m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdyneCmTOnewtonMeter(10)
```

`NISTdynePerSqrCmTOpascal` *Convert dyne per square centimeter to pascal*

Description

`NISTdynePerSqrCmTOpascal` converts from dyne per square centimeter (dyn/cm2) to pascal (Pa)

Usage

```
NISTdynePerSqrCmTOpascal(dynePerSqrCm)
```

Arguments

`dynePerSqrCm`	dyne per square centimeter (dyn/cm2)

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdynePerSqrCmTOpascal(10)
```

NISTdyneTOnewton *Convert dyne to newton*

Description

NISTdyneTOnewton converts from dyne (dyn) to newton (N)

Usage

```
NISTdyneTOnewton(dyne)
```

Arguments

dyne	dyne (dyn)

Value

newton (N)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTdyneTOnewton(10)
```

NISTelectronvoltTOjoule *Convert electronvolt to joule*

Description

NISTelectronvoltTOjoule converts from electronvolt (eV) to joule (J)

Usage

```
NISTelectronvoltTOjoule(electronvolt)
```

Arguments

electronvolt	electronvolt (eV)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTelectronvoltTOjoule(10)
```

NISTEMUOfCapacitanceTOfarad
Convert EMU of capacitance to farad

Description

NISTEMUOfCapacitanceTOfarad converts from EMU of capacitance (abfarad) to farad (F)

Usage

```
NISTEMUOfCapacitanceTOfarad(EMUOfCapacitance)
```

Arguments

EMUOfCapacitance
EMU of capacitance (abfarad)

Value

farad (F)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTEMUOfCapacitanceTOfarad(10)
```

NISTEMUOfCurrentTOampere *Convert EMU of current to ampere*

Description

NISTEMUOfCurrentTOampere converts from EMU of current (abampere) to ampere (A)

Usage

```
NISTEMUOfCurrentTOampere(EMUOfCurrent)
```

Arguments

EMUOfCurrent	EMU of current (abampere)

Value

ampere (A)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTEMUOfCurrentTOampere(10)
```

NISTEMUOfElectricPotentialTOvolt
Convert EMU of electric potential to volt

Description

NISTEMUOfElectricPotentialTOvolt converts from EMU of electric potential (abvolt) to volt (V)

Usage

```
NISTEMUOfElectricPotentialTOvolt(EMUOfElectricPotential)
```

Arguments

EMUOfElectricPotential
EMU of electric potential (abvolt)

Value

volt (V)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTEMUOfElectricPotentialTOvolt(10)
```

NISTEMUOfInductanceTOhenry
Convert EMU of inductance to henry

Description

NISTEMUOfInductanceTOhenry converts from EMU of inductance (abhenry) to henry (H)

Usage

```
NISTEMUOfInductanceTOhenry(EMUOfInductance)
```

Arguments

EMUOfInductance
EMU of inductance (abhenry)

Value

henry (H)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTEMUOfInductanceTOhenry(10)
```

NISTEMUOfResistanceTOohm
Convert EMU of resistance to ohm

Description

NISTEMUOfResistanceTOohm converts from EMU of resistance (abohm) to ohm (ohm)

Usage

```
NISTEMUOfResistanceTOohm(EMUOfResistance)
```

Arguments

EMUOfResistance
EMU of resistance (abohm)

Value

ohm (ohm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTEMUOfResistanceTOohm(10)
```

NISTergPerSecTOwatt *Convert erg per second to watt*

Description

NISTergPerSecTOwatt converts from erg per second (erg/s) to watt (W)

Usage

```
NISTergPerSecTOwatt(ergPerSec)
```

Arguments

ergPerSec	erg per second (erg/s)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTergPerSecTOwatt(10)
```

NISTergPerSqrCmSecTOwattPerSqrMeter

Convert erg per square centimeter second to watt per square meter

Description

NISTergPerSqrCmSecTOwattPerSqrMeter converts from erg per square centimeter second [erg/(cm2 * s)] to watt per square meter (W/m2)

Usage

```
NISTergPerSqrCmSecTOwattPerSqrMeter(ergPerSqrCmSec)
```

Arguments

ergPerSqrCmSec	erg per square centimeter second [erg/(cm2 * s)]

Value

watt per square meter (W/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTergPerSqrCmSecTOwattPerSqrMeter(10)
```

NISTergTOjoule *Convert erg to joule*

Description

NISTergTOjoule converts from erg (erg) to joule (J)

Usage

```
NISTergTOjoule(erg)
```

Arguments

erg	erg (erg)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTergTOjoule(10)
```

NISTESUOfCapacitanceTOfarad
Convert ESU of capacitance to farad

Description

NISTESUOfCapacitanceTOfarad converts from ESU of capacitance (statfarad) to farad (F)

Usage

```
NISTESUOfCapacitanceTOfarad(ESUOfCapacitance)
```

Arguments

ESUOfCapacitance
ESU of capacitance (statfarad)

Value

farad (F)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTESUOfCapacitanceTOfarad(10)
```

NISTESUOfCurrentTOampere *Convert ESU of current to ampere*

Description

NISTESUOfCurrentTOampere converts from ESU of current (statampere) to ampere (A)

Usage

```
NISTESUOfCurrentTOampere(ESUOfCurrent)
```

Arguments

ESUOfCurrent	ESU of current (statampere)

Value

ampere (A)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTESUOfCurrentTOampere(10)
```

NISTESUOfElectricPotentialTOvolt
Convert ESU of electric potential to volt

Description

NISTESUOfElectricPotentialTOvolt converts from ESU of electric potential (statvolt) to volt (V)

Usage

```
NISTESUOfElectricPotentialTOvolt(ESUOfElectricPotential)
```

Arguments

ESUOfElectricPotential
: ESU of electric potential (statvolt)

Value

volt (V)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTESUOfElectricPotentialTOvolt(10)
```

NISTESUOfInductanceTOhenry
Convert ESU of inductance to henry

Description

NISTESUOfInductanceTOhenry converts from ESU of inductance (stathenry) to henry (H)

Usage

```
NISTESUOfInductanceTOhenry(ESUOfInductance)
```

Arguments

ESUOfInductance
ESU of inductance (stathenry)

Value

henry (H)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTESUOfInductanceTOhenry(10)
```

NISTESUOfResistanceTOohm
Convert ESU of resistance to ohm

Description

NISTESUOfResistanceTOohm converts from ESU of resistance (statohm) to ohm (ohm)

Usage

```
NISTESUOfResistanceTOohm(ESUOfResistance)
```

Arguments

ESUOfResistance
: ESU of resistance (statohm)

Value

ohm (ohm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTESUOfResistanceTOohm(10)
```

NISTfaradayTOcoulomb *Convert faraday to coulomb*

Description

NISTfaradayTOcoulomb converts from faraday (based on carbon 12) to coulomb (C)

Usage

```
NISTfaradayTOcoulomb(faraday)
```

Arguments

faraday	faraday (based on carbon 12)

Value

coulomb (C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTfaradayTOcoulomb(10)
```

NISTfaradTOabfarad *Convert farad to abfarad*

Description

NISTfaradTOabfarad converts from farad (F) to abfarad

Usage

```
NISTfaradTOabfarad(farad)
```

Arguments

farad	farad (F)

Value

abfarad

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTfaradTOabfarad(10)
```

NISTfaradToEMUOfCapacitance
Convert farad to EMU of capacitance

Description

NISTfaradToEMUOfCapacitance converts from farad (F) to EMU of capacitance (abfarad)

Usage

```
NISTfaradToEMUOfCapacitance(farad)
```

Arguments

farad	farad (F)

Value

EMU of capacitance (abfarad)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTfaradToEMUOfCapacitance(10)
```

NISTfaradToESUOfCapacitance
Convert farad to ESU of capacitance

Description

NISTfaradToESUOfCapacitance converts from farad (F) to ESU of capacitance (statfarad)

Usage

```
NISTfaradToESUOfCapacitance(farad)
```

Arguments

farad	farad (F)

Value

ESU of capacitance (statfarad)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTfaradToESUOfCapacitance(10)
```

NISTfaradTOstatfarad *Convert farad to statfarad*

Description

NISTfaradTOstatfarad converts from farad (F) to statfarad

Usage

```
NISTfaradTOstatfarad(farad)
```

Arguments

farad	farad (F)

Value

statfarad

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTfaradTOstatfarad(10)
```

NISTfathomTOmeter *Convert fathom 7 to meter*

Description

NISTfathomTOmeter converts from fathom (based on U.S. survey foot) 7 to meter (m)

Usage

```
NISTfathomTOmeter(fathom)
```

Arguments

fathom	fathom (based on U.S. survey foot) 7

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTfathomTOmeter(10)
```

NISTfemtometerTOfermi *Convert femtometer to fermi*

Description

NISTfemtometerTOfermi converts from femtometer (fm) to fermi

Usage

```
NISTfemtometerTOfermi(femtometer)
```

Arguments

femtometer	femtometer (fm)

Value

fermi

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTfemtometerTOfermi(10)
```

NISTfermiTOfemtometer *Convert fermi to femtometer*

Description

NISTfermiTOfemtometer converts from fermi to femtometer (fm)

Usage

```
NISTfermiTOfemtometer(fermi)
```

Arguments

fermi	fermi

Value

femtometer (fm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTfermiTOfemtometer(10)
```

NISTfermiTOmeter *Convert fermi to meter*

Description

NISTfermiTOmeter converts from fermi to meter (m)

Usage

```
NISTfermiTOmeter(fermi)
```

Arguments

fermi	fermi

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTfermiTOmeter(10)
```

NISTfluidOunceTOcubMeter

Convert fluid ounce to cubic meter

Description

NISTfluidOunceTOcubMeter converts from fluid ounce (U.S.) (fl oz) to cubic meter (m3)

Usage

```
NISTfluidOunceTOcubMeter(fluidOunce)
```

Arguments

fluidOunce	fluid ounce (U.S.) (fl oz)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTfluidOunceTOcubMeter(10)
```

NISTfluidOunceTOml *Convert fluid ounce to milliliter*

Description

NISTfluidOunceTOml converts from fluid ounce (U.S.) (fl oz) to milliliter (mL)

Usage

```
NISTfluidOunceTOml(fluidOunce)
```

Arguments

fluidOunce	fluid ounce (U.S.) (fl oz)

Value

milliliter (mL)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTfluidOunceTOml(10)
```

NISTfranklinTOcoulomb *Convert franklin to coulomb*

Description

NISTfranklinTOcoulomb converts from franklin (Fr) to coulomb (C)

Usage

```
NISTfranklinTOcoulomb(franklin)
```

Arguments

franklin	franklin (Fr)

Value

coulomb (C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTfranklinTOcoulomb(10)
```

`NISTft4thPowerTOmeter4thPower` *Convert foot to the fourth power 16 to meter to the fourth power*

Description

`NISTft4thPowerTOmeter4thPower` converts from foot to the fourth power (ft4) 16 to meter to the fourth power (m4)

Usage

```
NISTft4thPowerTOmeter4thPower(ft4thPower)
```

Arguments

`ft4thPower`	foot to the fourth power (ft4) 16

Value

meter to the fourth power (m4)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTft4thPowerTOmeter4thPower(10)
```

NISTftcandleTOlux *Convert footcandle to lux*

Description

NISTftcandleTOlux converts from footcandle to lux (lx)

Usage

```
NISTftcandleTOlux(ftcandle)
```

Arguments

ftcandle	footcandle

Value

lux (lx)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTftcandleTOlux(10)
```

NISTftlambertTOcandelaPerSqrMeter
Convert footlambert to candela per square meter

Description

NISTftlambertTOcandelaPerSqrMeter converts from footlambert to candela per square meter (cd/m2)

Usage

```
NISTftlambertTOcandelaPerSqrMeter(ftlambert)
```

Arguments

ftlambert	footlambert

Value

candela per square meter (cd/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTftlambertTOcandelaPerSqrMeter(10)
```

NISTftOfMercuryConvtnlTOkpascal
Convert foot of mercury, conventional 12 to kilopascal

Description

NISTftOfMercuryConvtnlTOkpascal converts from foot of mercury, conventional (ftHg) 12 to kilopascal (kPa)

Usage

```
NISTftOfMercuryConvtnlTOkpascal(ftOfMercuryConvtnl)
```

Arguments

ftOfMercuryConvtnl
: foot of mercury, conventional (ftHg) 12

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTftOfMercuryConvtnlTOkpascal(10)
```

`NISTftOfMercuryConvtnlTOpascal` *Convert foot of mercury, conventional 12 to pascal*

Description

`NISTftOfMercuryConvtnlTOpascal` converts from foot of mercury, conventional (ftHg) 12 to pascal (Pa)

Usage

```
NISTftOfMercuryConvtnlTOpascal(ftOfMercuryConvtnl)
```

Arguments

`ftOfMercuryConvtnl`	foot of mercury, conventional (ftHg) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTftOfMercuryConvtnlTOpascal(10)
```

NISTftOfWaterConvtnlTOkpascal
Convert foot of water, conventional 12 to kilopascal

Description

NISTftOfWaterConvtnlTOkpascal converts from foot of water, conventional (ftH2O) 12 to kilopascal (kPa)

Usage

```
NISTftOfWaterConvtnlTOkpascal(ftOfWaterConvtnl)
```

Arguments

ftOfWaterConvtnl
: foot of water, conventional (ftH2O) 12

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTftOfWaterConvtnlTOkpascal(10)
```

NISTftOfWaterConvtnlTOpascal *Convert foot of water, conventional 12 to pascal*

Description

NISTftOfWaterConvtnlTOpascal converts from foot of water, conventional (ftH2O) 12 to pascal (Pa)

Usage

```
NISTftOfWaterConvtnlTOpascal(ftOfWaterConvtnl)
```

Arguments

ftOfWaterConvtnl	foot of water, conventional (ftH2O) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTftOfWaterConvtnlTOpascal(10)
```

NISTftOfWaterTOkpascal *Convert foot of water 12 to kilopascal*

Description

NISTftOfWaterTOkpascal converts from foot of water (39.2 F) 12 to kilopascal (kPa)

Usage

```
NISTftOfWaterTOkpascal(ftOfWater)
```

Arguments

ftOfWater	foot of water (39.2 F) 12

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTftOfWaterTOkpascal(10)
```

`NISTftOfWaterTOpascal` *Convert foot of water 12 to pascal*

Description

`NISTftOfWaterTOpascal` converts from foot of water (39.2 F) 12 to pascal (Pa)

Usage

```
NISTftOfWaterTOpascal(ftOfWater)
```

Arguments

`ftOfWater`	foot of water (39.2 F) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTftOfWaterTOpascal(10)
```

NISTftPerHourTOmeterPerSec

Convert foot per hour to meter per second

Description

NISTftPerHourTOmeterPerSec converts from foot per hour (ft/h) to meter per second (m/s)

Usage

```
NISTftPerHourTOmeterPerSec(ftPerHour)
```

Arguments

ftPerHour	foot per hour (ft/h)

Value

meter per second (m/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTftPerHourTOmeterPerSec(10)
```

NISTftPerMinTOmeterPerSec *Convert foot per minute to meter per second*

Description

NISTftPerMinTOmeterPerSec converts from foot per minute (ft/min) to meter per second (m/s)

Usage

```
NISTftPerMinTOmeterPerSec(ftPerMin)
```

Arguments

ftPerMin	foot per minute (ft/min)

Value

meter per second (m/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTftPerMinTOmeterPerSec(10)
```

NISTftPerSecSqrdTOmeterPerSecSqrd

Convert foot per second squared to meter per second squared

Description

NISTftPerSecSqrdTOmeterPerSecSqrd converts from foot per second squared (ft/s2) to meter per second squared (m/s2)

Usage

```
NISTftPerSecSqrdTOmeterPerSecSqrd(ftPerSecSqrd)
```

Arguments

ftPerSecSqrd	foot per second squared (ft/s2)

Value

meter per second squared (m/s2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTftPerSecSqrdTOmeterPerSecSqrd(10)
```

NISTftPerSecTOmeterPerSec *Convert foot per second to meter per second*

Description

NISTftPerSecTOmeterPerSec converts from foot per second (ft/s) to meter per second (m/s)

Usage

```
NISTftPerSecTOmeterPerSec(ftPerSec)
```

Arguments

ftPerSec	foot per second (ft/s)

Value

meter per second (m/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTftPerSecTOmeterPerSec(10)
```

NISTftPoundalTOjoule *Convert foot poundal to joule*

Description

NISTftPoundalTOjoule converts from foot poundal to joule (J)

Usage

```
NISTftPoundalTOjoule(ftPoundal)
```

Arguments

ftPoundal	foot poundal

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTftPoundalTOjoule(10)
```

`NISTftPoundForcePerHourTOwatt` *Convert foot pound-force per hour to watt*

Description

`NISTftPoundForcePerHourTOwatt` converts from foot pound-force per hour (ft * lbf/h) to watt (W)

Usage

```
NISTftPoundForcePerHourTOwatt(ftPoundForcePerHour)
```

Arguments

`ftPoundForcePerHour`	foot pound-force per hour (ft * lbf/h)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTftPoundForcePerHourTOwatt(10)
```

NISTftPoundForcePerMinTOwatt *Convert foot pound-force per minute to watt*

Description

NISTftPoundForcePerMinTOwatt converts from foot pound-force per minute (ft * lbf/min) to watt (W)

Usage

```
NISTftPoundForcePerMinTOwatt(ftPoundForcePerMin)
```

Arguments

ftPoundForcePerMin	foot pound-force per minute (ft * lbf/min)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTftPoundForcePerMinTOwatt(10)
```

NISTftPoundForcePerSecTOwatt *Convert foot pound-force per second to watt*

Description

NISTftPoundForcePerSecTOwatt converts from foot pound-force per second (ft * lbf/s) to watt (W)

Usage

```
NISTftPoundForcePerSecTOwatt(ftPoundForcePerSec)
```

Arguments

ftPoundForcePerSec	foot pound-force per second (ft * lbf/s)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTftPoundForcePerSecTOwatt(10)
```

NISTftPoundForceTOjoule

Convert foot pound-force to joule

Description

NISTftPoundForceTOjoule converts from foot pound-force (ft * lbf) to joule (J)

Usage

```
NISTftPoundForceTOjoule(ftPoundForce)
```

Arguments

ftPoundForce	foot pound-force (ft * lbf)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTftPoundForceTOjoule(10)
```

`NISTftTOmeter` *Convert foot to meter*

Description

`NISTftTOmeter` converts from foot (ft) to meter (m)

Usage

```
NISTftTOmeter(ft)
```

Arguments

`ft`	foot (ft)

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTftTOmeter(10)
```

NISTftUSsurveyTOmeter *Convert foot 7 to meter*

Description

NISTftUSsurveyTOmeter converts from foot (U.S. survey) (ft) 7 to meter (m)

Usage

```
NISTftUSsurveyTOmeter(ftUSsurvey)
```

Arguments

ftUSsurvey	foot (U.S. survey) (ft) 7

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTftUSsurveyTOmeter(10)
```

NISTgallonImperialTOcubMeter *Convert gallon to cubic meter*

Description

NISTgallonImperialTOcubMeter converts from gallon [Canadian and U.K. (Imperial)] (gal) to cubic meter (m3)

Usage

```
NISTgallonImperialTOcubMeter(gallonImperial)
```

Arguments

gallonImperial	gallon [Canadian and U.K. (Imperial)] (gal)

Value

cubic meter (m3)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTgallonImperialTOcubMeter(10)
```

NISTgallonImperialTOliter *Convert gallon to liter*

Description

NISTgallonImperialTOliter converts from gallon [Canadian and U.K. (Imperial)] (gal) to liter (L)

Usage

```
NISTgallonImperialTOliter(gallonImperial)
```

Arguments

gallonImperial	gallon [Canadian and U.K. (Imperial)] (gal)

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTgallonImperialTOliter(10)
```

NISTgallonPerDayTOcubMeterPerSec
Convert gallon per day to cubic meter per second

Description

NISTgallonPerDayTOcubMeterPerSec converts from gallon (U.S.) per day (gal/d) to cubic meter per second (m3/s)

Usage

```
NISTgallonPerDayTOcubMeterPerSec(gallonPerDay)
```

Arguments

gallonPerDay	gallon (U.S.) per day (gal/d)

Value

cubic meter per second (m3/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTgallonPerDayTOcubMeterPerSec(10)
```

NISTgallonPerDayTOliterPerSec *Convert gallon per day to liter per second*

Description

NISTgallonPerDayTOliterPerSec converts from gallon (U.S.) per day (gal/d) to liter per second (L/s)

Usage

```
NISTgallonPerDayTOliterPerSec(gallonPerDay)
```

Arguments

gallonPerDay	gallon (U.S.) per day (gal/d)

Value

liter per second (L/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTgallonPerDayTOliterPerSec(10)
```

NISTgallonPerHorsepowerHourTOcubMeterPerJoule
Convert gallon per horsepower hour to cubic meter per joule

Description

NISTgallonPerHorsepowerHourTOcubMeterPerJoule converts from gallon (U.S.) per horsepower hour [gal/(hp * h)] to cubic meter per joule (m3/J)

Usage

```
NISTgallonPerHorsepowerHourTOcubMeterPerJoule(gallonPerHorsepowerHour)
```

Arguments

gallonPerHorsepowerHour	gallon (U.S.) per horsepower hour [gal/(hp * h)]

Value

cubic meter per joule (m3/J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTgallonPerHorsepowerHourTOcubMeterPerJoule(10)
```

NISTgallonPerHorsepowerHourTOliterPerJoule
Convert gallon per horsepower hour to liter per joule

Description

NISTgallonPerHorsepowerHourTOliterPerJoule converts from gallon (U.S.) per horsepower hour [gal/(hp * h)] to liter per joule (L/J)

Usage

```
NISTgallonPerHorsepowerHourTOliterPerJoule(gallonPerHorsepowerHour)
```

Arguments

gallonPerHorsepowerHour
: gallon (U.S.) per horsepower hour [gal/(hp * h)]

Value

liter per joule (L/J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTgallonPerHorsepowerHourTOliterPerJoule(10)
```

NISTgallonPerMinTOcubMeterPerSec
Convert gallon per minute to cubic meter per second

Description

NISTgallonPerMinTOcubMeterPerSec converts from gallon (U.S.) per minute (gpm) (gal/min) to cubic meter per second (m3/s)

Usage

```
NISTgallonPerMinTOcubMeterPerSec(gallonPerMin)
```

Arguments

gallonPerMin	gallon (U.S.) per minute (gpm) (gal/min)

Value

cubic meter per second (m3/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgallonPerMinTOcubMeterPerSec(10)
```

NISTgallonPerMinTOliterPerSec
Convert gallon per minute to liter per second

Description

NISTgallonPerMinTOliterPerSec converts from gallon (U.S.) per minute (gpm) (gal/min) to liter per second (L/s)

Usage

```
NISTgallonPerMinTOliterPerSec(gallonPerMin)
```

Arguments

gallonPerMin	gallon (U.S.) per minute (gpm) (gal/min)

Value

liter per second (L/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgallonPerMinTOliterPerSec(10)
```

NISTgallonTOcubMeter *Convert gallon to cubic meter*

Description

NISTgallonTOcubMeter converts from gallon (U.S.) (gal) to cubic meter (m3)

Usage

```
NISTgallonTOcubMeter(gallon)
```

Arguments

gallon	gallon (U.S.) (gal)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTgallonTOcubMeter(10)
```

NISTgallonTOliter *Convert gallon to liter*

Description

NISTgallonTOliter converts from gallon (U.S.) (gal) to liter (L)

Usage

```
NISTgallonTOliter(gallon)
```

Arguments

gallon	gallon (U.S.) (gal)

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgallonTOliter(10)
```

NISTgalTOmeterPerSecSqrd

Convert gal to meter per second squared

Description

NISTgalTOmeterPerSecSqrd converts from gal (Gal) to meter per second squared (m/s2)

Usage

```
NISTgalTOmeterPerSecSqrd(gal)
```

Arguments

gal	gal (Gal)

Value

meter per second squared (m/s2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgalTOmeterPerSecSqrd(10)
```

NISTgammaTOtesla *Convert gamma to tesla*

Description

NISTgammaTOtesla converts from gamma (y) to tesla (T)

Usage

```
NISTgammaTOtesla(gamma)
```

Arguments

gamma	gamma (y)

Value

tesla (T)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgammaTOtesla(10)
```

NISTgaussTOtesla *Convert gauss to tesla*

Description

NISTgaussTOtesla converts from gauss (Gs, G) to tesla (T)

Usage

```
NISTgaussTOtesla(gauss)
```

Arguments

gauss	gauss (Gs, G)

Value

tesla (T)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgaussTOtesla(10)
```

NISTgilbertTOampere *Convert gilbert to ampere*

Description

NISTgilbertTOampere converts from gilbert (Gi) to ampere (A)

Usage

```
NISTgilbertTOampere(gilbert)
```

Arguments

gilbert	gilbert (Gi)

Value

ampere (A)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgilbertTOampere(10)
```

NISTgillImperialTOcubMeter *Convert gill to cubic meter*

Description

NISTgillImperialTOcubMeter converts from gill [Canadian and U.K. (Imperial)] (gi) to cubic meter (m3)

Usage

```
NISTgillImperialTOcubMeter(gillImperial)
```

Arguments

gillImperial	gill [Canadian and U.K. (Imperial)] (gi)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgillImperialTOcubMeter(10)
```

NISTgillImperialTOliter *Convert gill to liter*

Description

NISTgillImperialTOliter converts from gill [Canadian and U.K. (Imperial)] (gi) to liter (L)

Usage

```
NISTgillImperialTOliter(gillImperial)
```

Arguments

gillImperial	gill [Canadian and U.K. (Imperial)] (gi)

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgillImperialTOliter(10)
```

`NISTgillTOcubMeter` *Convert gill to cubic meter*

Description

`NISTgillTOcubMeter` converts from gill (U.S.) (gi) to cubic meter (m3)

Usage

```
NISTgillTOcubMeter(gill)
```

Arguments

`gill`	gill (U.S.) (gi)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgillTOcubMeter(10)
```

NISTgillTOliter *Convert gill to liter*

Description

NISTgillTOliter converts from gill (U.S.) (gi) to liter (L)

Usage

```
NISTgillTOliter(gill)
```

Arguments

gill	gill (U.S.) (gi)

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgillTOliter(10)
```

NISTgonTOdeg *Convert gon to degree*

Description

NISTgonTOdeg converts from gon (also called grade) (gon) to degree (angle) ()

Usage

```
NISTgonTOdeg(gon)
```

Arguments

gon	gon (also called grade) (gon)

Value

degree (angle) ()

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgonTOdeg(10)
```

NISTgonTOradian *Convert gon to radian*

Description

NISTgonTOradian converts from gon (also called grade) (gon) to radian (rad)

Usage

```
NISTgonTOradian(gon)
```

Arguments

gon	gon (also called grade) (gon)

Value

radian (rad)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgonTOradian(10)
```

`NISTgrainPerGallonTOkgPerCubMeter`
Convert grain per gallon to kilogram per cubic meter

Description

`NISTgrainPerGallonTOkgPerCubMeter` converts from grain per gallon (U.S.) (gr/gal) to kilogram per cubic meter (kg/m3)

Usage

```
NISTgrainPerGallonTOkgPerCubMeter(grainPerGallon)
```

Arguments

`grainPerGallon`	grain per gallon (U.S.) (gr/gal)

Value

kilogram per cubic meter (kg/m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgrainPerGallonTOkgPerCubMeter(10)
```

NISTgrainPerGallonTOmilligramPerLiter
Convert grain per gallon to milligram per liter

Description

NISTgrainPerGallonTOmilligramPerLiter converts from grain per gallon (U.S.) (gr/gal) to milligram per liter (mg/L)

Usage

```
NISTgrainPerGallonTOmilligramPerLiter(grainPerGallon)
```

Arguments

grainPerGallon	grain per gallon (U.S.) (gr/gal)

Value

milligram per liter (mg/L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgrainPerGallonTOmilligramPerLiter(10)
```

NISTgrainTOkg *Convert grain to kilogram*

Description

NISTgrainTOkg converts from grain (gr) to kilogram (kg)

Usage

```
NISTgrainTOkg(grain)
```

Arguments

grain	grain (gr)

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgrainTOkg(10)
```

NISTgrainTOmilligram *Convert grain to milligram*

Description

NISTgrainTOmilligram converts from grain (gr) to milligram (mg)

Usage

```
NISTgrainTOmilligram(grain)
```

Arguments

grain	grain (gr)

Value

milligram (mg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgrainTOmilligram(10)
```

NISTgramForcePerSqrCmTOpascal
Convert gram-force per square centimeter to pascal

Description

NISTgramForcePerSqrCmTOpascal converts from gram-force per square centimeter (gf/cm2) to pascal (Pa)

Usage

```
NISTgramForcePerSqrCmTOpascal(gramForcePerSqrCm)
```

Arguments

gramForcePerSqrCm	gram-force per square centimeter (gf/cm2)

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgramForcePerSqrCmTOpascal(10)
```

NISTgramPerCubCmTOkgPerCubMeter
Convert gram per cubic centimeter to kilogram per cubic meter

Description

NISTgramPerCubCmTOkgPerCubMeter converts from gram per cubic centimeter (g/cm3) to kilogram per cubic meter (kg/m3)

Usage

```
NISTgramPerCubCmTOkgPerCubMeter(gramPerCubCm)
```

Arguments

gramPerCubCm	gram per cubic centimeter (g/cm3)

Value

kilogram per cubic meter (kg/m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgramPerCubCmTOkgPerCubMeter(10)
```

NISTgramPerLiterTOounceImperialPerGallon
Convert gram per liter to ounce per gallon

Description

NISTgramPerLiterTOounceImperialPerGallon converts from gram per liter (g/L) to ounce (avoirdupois) per gallon [Canadian and U.K. (Imperial)] (oz/gal)

Usage

```
NISTgramPerLiterTOounceImperialPerGallon(gramPerLiter)
```

Arguments

gramPerLiter	gram per liter (g/L)

Value

ounce (avoirdupois) per gallon [Canadian and U.K. (Imperial)] (oz/gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgramPerLiterTOounceImperialPerGallon(10)
```

NISTgramPerLiterTOouncePerGallon
Convert gram per liter to ounce per gallon

Description

NISTgramPerLiterTOouncePerGallon converts from gram per liter (g/L) to ounce (avoirdupois) per gallon (U.S.) (oz/gal)

Usage

```
NISTgramPerLiterTOouncePerGallon(gramPerLiter)
```

Arguments

gramPerLiter	gram per liter (g/L)

Value

ounce (avoirdupois) per gallon (U.S.) (oz/gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgramPerLiterTOouncePerGallon(10)
```

NISTgramPerMeterTOdenier *Convert gram per meter to denier*

Description

NISTgramPerMeterTOdenier converts from gram per meter (g/m) to denier

Usage

```
NISTgramPerMeterTOdenier(gramPerMeter)
```

Arguments

gramPerMeter	gram per meter (g/m)

Value

denier

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgramPerMeterTOdenier(10)
```

NISTgramTOcaratSI *Convert gram to carat, metric*

Description

NISTgramTOcaratSI converts from gram (g) to carat, metric

Usage

```
NISTgramTOcaratSI(gram)
```

Arguments

gram	gram (g)

Value

carat, metric

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgramTOcaratSI(10)
```

NISTgramTOounceAvoirdupois *Convert gram to ounce*

Description

NISTgramTOounceAvoirdupois converts from gram (g) to ounce (avoirdupois) (oz)

Usage

```
NISTgramTOounceAvoirdupois(gram)
```

Arguments

gram	gram (g)

Value

ounce (avoirdupois) (oz)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgramTOounceAvoirdupois(10)
```

NISTgramTOounceTroy *Convert gram to ounce*

Description

NISTgramTOounceTroy converts from gram (g) to ounce (troy or apothecary) (oz)

Usage

```
NISTgramTOounceTroy(gram)
```

Arguments

gram	gram (g)

Value

ounce (troy or apothecary) (oz)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgramTOounceTroy(10)
```

NISTgramTOpennyweight *Convert gram to pennyweight*

Description

NISTgramTOpennyweight converts from gram (g) to pennyweight (dwt)

Usage

```
NISTgramTOpennyweight(gram)
```

Arguments

gram	gram (g)

Value

pennyweight (dwt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgramTOpennyweight(10)
```

NISTgramTOtonAssay *Convert gram to ton, assay*

Description

NISTgramTOtonAssay converts from gram (g) to ton, assay (AT)

Usage

```
NISTgramTOtonAssay(gram)
```

Arguments

gram	gram (g)

Value

ton, assay (AT)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgramTOtonAssay(10)
```

NISTgrayTOrad *Convert gray to rad*

Description

NISTgrayTOrad converts from gray (Gy) to rad (absorbed dose) (rad)

Usage

```
NISTgrayTOrad(gray)
```

Arguments

gray	gray (Gy)

Value

rad (absorbed dose) (rad)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTgrayTOrad(10)
```

NISThectareTOsqrMeter *Convert hectare to square meter*

Description

NISThectareTOsqrMeter converts from hectare (ha) to square meter (m2)

Usage

```
NISThectareTOsqrMeter(hectare)
```

Arguments

hectare	hectare (ha)

Value

square meter (m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISThectareTOsqrMeter(10)
```

NISThenryTOabhenry *Convert henry to abhenry*

Description

NISThenryTOabhenry converts from henry (H) to abhenry

Usage

```
NISThenryTOabhenry(henry)
```

Arguments

henry	henry (H)

Value

abhenry

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISThenryTOabhenry(10)
```

NISThenryToEMUOfInductance
Convert henry to EMU of inductance

Description

NISThenryToEMUOfInductance converts from henry (H) to EMU of inductance (abhenry)

Usage

```
NISThenryToEMUOfInductance(henry)
```

Arguments

henry	henry (H)

Value

EMU of inductance (abhenry)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISThenryToEMUOfInductance(10)
```

NISThenryToESUOfInductance *Convert henry to ESU of inductance*

Description

NISThenryToESUOfInductance converts from henry (H) to ESU of inductance (stathenry)

Usage

```
NISThenryToESUOfInductance(henry)
```

Arguments

henry	henry (H)

Value

ESU of inductance (stathenry)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISThenryToESUOfInductance(10)
```

NISThenryTOstathenry *Convert henry to stathenry*

Description

NISThenryTOstathenry converts from henry (H) to stathenry

Usage

```
NISThenryTOstathenry(henry)
```

Arguments

henry	henry (H)

Value

stathenry

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISThenryTOstathenry(10)
```

NISThorsepowerBoilerTOwatt *Convert horsepower to watt*

Description

NISThorsepowerBoilerTOwatt converts from horsepower (boiler) to watt (W)

Usage

```
NISThorsepowerBoilerTOwatt(horsepowerBoiler)
```

Arguments

horsepowerBoiler	horsepower (boiler)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISThorsepowerBoilerTOwatt(10)
```

NISThorsepowerElectricTOwatt *Convert horsepower to watt*

Description

NISThorsepowerElectricTOwatt converts from horsepower (electric) to watt (W)

Usage

```
NISThorsepowerElectricTOwatt(horsepowerElectric)
```

Arguments

horsepowerElectric	horsepower (electric)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISThorsepowerElectricTOwatt(10)
```

NISThorsepowerImperialTOwatt
Convert horsepower to watt

Description

NISThorsepowerImperialTOwatt converts from horsepower (U.K.) to watt (W)

Usage

```
NISThorsepowerImperialTOwatt(horsepowerImperial)
```

Arguments

horsepowerImperial	horsepower (U.K.)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISThorsepowerImperialTOwatt(10)
```

NISThorsepowerSItOwatt *Convert horsepower to watt*

Description

NISThorsepowerSItOwatt converts from horsepower (metric) to watt (W)

Usage

```
NISThorsepowerSItOwatt(horsepowerSI)
```

Arguments

horsepowerSI	horsepower (metric)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISThorsepowerSItOwatt(10)
```

NISThorsepowerTOwatt *Convert horsepower to watt*

Description

NISThorsepowerTOwatt converts from horsepower (550 ft * lbf/s) (hp) to watt (W)

Usage

```
NISThorsepowerTOwatt(horsepower)
```

Arguments

horsepower	horsepower (550 ft * lbf/s) (hp)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISThorsepowerTOwatt(10)
```

NISThorsepowerWaterTOwatt *Convert horsepower to watt*

Description

NISThorsepowerWaterTOwatt converts from horsepower (water) to watt (W)

Usage

```
NISThorsepowerWaterTOwatt(horsepowerWater)
```

Arguments

horsepowerWater	horsepower (water)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISThorsepowerWaterTOwatt(10)
```

NISThourSiderealTOsec *Convert hour to second*

Description

NISThourSiderealTOsec converts from hour (sidereal) to second (s)

Usage

```
NISThourSiderealTOsec(hourSidereal)
```

Arguments

hourSidereal	hour (sidereal)

Value

second (s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISThourSiderealTOsec(10)
```

NISThourTOsec *Convert hour to second*

Description

NISThourTOsec converts from hour (h) to second (s)

Usage

```
NISThourTOsec(hour)
```

Arguments

hour	hour (h)

Value

second (s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISThourTOsec(10)
```

NISThundredweightLongTOkg *Convert hundredweight to kilogram*

Description

NISThundredweightLongTOkg converts from hundredweight (long, 112 lb) to kilogram (kg)

Usage

```
NISThundredweightLongTOkg(hundredweightLong)
```

Arguments

hundredweightLong	hundredweight (long, 112 lb)

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISThundredweightLongTOkg(10)
```

NISThundredweightShortTOkg *Convert hundredweight to kilogram*

Description

NISThundredweightShortTOkg converts from hundredweight (short, 100 lb) to kilogram (kg)

Usage

```
NISThundredweightShortTOkg(hundredweightShort)
```

Arguments

hundredweightShort	hundredweight (short, 100 lb)

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISThundredweightShortTOkg(10)
```

`NISTinch4thPowerTOmeter4thPower` *Convert inch to the fourth power 16 to meter to the fourth power*

Description

`NISTinch4thPowerTOmeter4thPower` converts from inch to the fourth power (in4) 16 to meter to the fourth power (m4)

Usage

```
NISTinch4thPowerTOmeter4thPower(inch4thPower)
```

Arguments

`inch4thPower`	inch to the fourth power (in4) 16

Value

meter to the fourth power (m4)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTinch4thPowerTOmeter4thPower(10)
```

NISTinchOfMercury32FtOkpascal
Convert inch of mercury 12 to kilopascal

Description

NISTinchOfMercury32FtOkpascal converts from inch of mercury (32 F) 12 to kilopascal (kPa)

Usage

```
NISTinchOfMercury32FtOkpascal(inchOfMercury32F)
```

Arguments

inchOfMercury32F
: inch of mercury (32 F) 12

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTinchOfMercury32FtOkpascal(10)
```

`NISTinchOfMercury32FtOpascal` *Convert inch of mercury 12 to pascal*

Description

`NISTinchOfMercury32FtOpascal` converts from inch of mercury (32 F) 12 to pascal (Pa)

Usage

```
NISTinchOfMercury32FtOpascal(inchOfMercury32F)
```

Arguments

`inchOfMercury32F`	inch of mercury (32 F) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTinchOfMercury32FtOpascal(10)
```

NISTinchOfMercury60FtOkpascal
Convert inch of mercury 12 to kilopascal

Description

NISTinchOfMercury60FtOkpascal converts from inch of mercury (60 F) 12 to kilopascal (kPa)

Usage

```
NISTinchOfMercury60FtOkpascal(inchOfMercury60F)
```

Arguments

inchOfMercury60F
: inch of mercury (60 F) 12

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTinchOfMercury60FtOkpascal(10)
```

`NISTinchOfMercury60FtOpascal` *Convert inch of mercury 12 to pascal*

Description

`NISTinchOfMercury60FtOpascal` converts from inch of mercury (60 F) 12 to pascal (Pa)

Usage

```
NISTinchOfMercury60FtOpascal(inchOfMercury60F)
```

Arguments

`inchOfMercury60F`	inch of mercury (60 F) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTinchOfMercury60FtOpascal(10)
```

NISTinchOfMercuryConvtnlTOkpascal
Convert inch of mercury, conventional 12 to kilopascal

Description

NISTinchOfMercuryConvtnlTOkpascal converts from inch of mercury, conventional (inHg) 12 to kilopascal (kPa)

Usage

```
NISTinchOfMercuryConvtnlTOkpascal(inchOfMercuryConvtnl)
```

Arguments

inchOfMercuryConvtnl	inch of mercury, conventional (inHg) 12

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTinchOfMercuryConvtnlTOkpascal(10)
```

`NISTinchOfMercuryConvtnlTOpascal` *Convert inch of mercury, conventional 12 to pascal*

Description

`NISTinchOfMercuryConvtnlTOpascal` converts from inch of mercury, conventional (inHg) 12 to pascal (Pa)

Usage

```
NISTinchOfMercuryConvtnlTOpascal(inchOfMercuryConvtnl)
```

Arguments

`inchOfMercuryConvtnl`	inch of mercury, conventional (inHg) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTinchOfMercuryConvtnlTOpascal(10)
```

NISTinchOfWater39.2FtOpascal
Convert inch of water 12 to pascal

Description

NISTinchOfWater39.2FtOpascal converts from inch of water (39.2 F) 12 to pascal (Pa)

Usage

```
NISTinchOfWater39.2FtOpascal(inchOfWater39.2F)
```

Arguments

inchOfWater39.2F
: inch of water (39.2 F) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTinchOfWater39.2FtOpascal(10)
```

NISTinchOfWater60FtOpascal
Convert inch of water 12 to pascal

Description

NISTinchOfWater60FtOpascal converts from inch of water (60 F) 12 to pascal (Pa)

Usage

```
NISTinchOfWater60FtOpascal(inchOfWater60F)
```

Arguments

inchOfWater60F	inch of water (60 F) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTinchOfWater60FtOpascal(10)
```

NISTinchOfWaterConvtnlTOpascal
Convert inch of water, conventional 12 to pascal

Description

NISTinchOfWaterConvtnlTOpascal converts from inch of water, conventional (inH2O) 12 to pascal (Pa)

Usage

```
NISTinchOfWaterConvtnlTOpascal(inchOfWaterConvtnl)
```

Arguments

inchOfWaterConvtnl	inch of water, conventional (inH2O) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTinchOfWaterConvtnlTOpascal(10)
```

`NISTinchPerSecSqrdTOmeterPerSecSqrd` *Convert inch per second squared to meter per second squared*

Description

`NISTinchPerSecSqrdTOmeterPerSecSqrd` converts from inch per second squared (in/s2) to meter per second squared (m/s2)

Usage

```
NISTinchPerSecSqrdTOmeterPerSecSqrd(inchPerSecSqrd)
```

Arguments

`inchPerSecSqrd`	inch per second squared (in/s2)

Value

meter per second squared (m/s2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTinchPerSecSqrdTOmeterPerSecSqrd(10)
```

NISTinchPerSecTOmeterPerSec
Convert inch per second to meter per second

Description

NISTinchPerSecTOmeterPerSec converts from inch per second (in/s) to meter per second (m/s)

Usage

```
NISTinchPerSecTOmeterPerSec(inchPerSec)
```

Arguments

inchPerSec	inch per second (in/s)

Value

meter per second (m/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTinchPerSecTOmeterPerSec(10)
```

NISTinchTOcm *Convert inch to centimeter*

Description

NISTinchTOcm converts from inch (in) to centimeter (cm)

Usage

```
NISTinchTOcm(inch)
```

Arguments

inch	inch (in)

Value

centimeter (cm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTinchTOcm(10)
```

NISTinchTOmeter *Convert inch to meter*

Description

NISTinchTOmeter converts from inch (in) to meter (m)

Usage

```
NISTinchTOmeter(inch)
```

Arguments

inch	inch (in)

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTinchTOmeter(10)
```

`NISTjoulePerCubMeterTOukThUnITPerCubFt`
Convert joule per cubic meter to British thermal unitIT per cubic foot

Description

`NISTjoulePerCubMeterTOukThUnITPerCubFt` converts from joule per cubic meter (J/m3) to British thermal unitIT per cubic foot (BtuIT/ft3)

Usage

```
NISTjoulePerCubMeterTOukThUnITPerCubFt(joulePerCubMeter)
```

Arguments

`joulePerCubMeter`
joule per cubic meter (J/m3)

Value

British thermal unitIT per cubic foot (BtuIT/ft3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTjoulePerCubMeterTOukThUnITPerCubFt(10)
```

NISTjoulePerCubMeterTOukThUnthPerCubFt
Convert joule per cubic meter to British thermal unitth per cubic foot

Description

NISTjoulePerCubMeterTOukThUnthPerCubFt converts from joule per cubic meter (J/m3) to British thermal unitth per cubic foot (Btuth/ft3)

Usage

```
NISTjoulePerCubMeterTOukThUnthPerCubFt(joulePerCubMeter)
```

Arguments

joulePerCubMeter	joule per cubic meter (J/m3)

Value

British thermal unitth per cubic foot (Btuth/ft3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTjoulePerCubMeterTOukThUnthPerCubFt(10)
```

NISTjoulePerKgKtOcalITPerGramDegC
Convert joule per kilogram kelvin to calorieIT per gram degree Celsius

Description

NISTjoulePerKgKtOcalITPerGramDegC converts from joule per kilogram kelvin [J/(kg * K)] to calorieIT per gram degree Celsius [calIT/(g * C)]

Usage

```
NISTjoulePerKgKtOcalITPerGramDegC(joulePerKgK)
```

Arguments

joulePerKgK	joule per kilogram kelvin [J/(kg * K)]

Value

calorieIT per gram degree Celsius [calIT/(g * C)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjoulePerKgKtOcalITPerGramDegC(10)
```

NISTjoulePerKgKtOcalITPerGramK *Convert joule per kilogram kelvin to calorieIT per gram kelvin*

Description

NISTjoulePerKgKtOcalITPerGramK converts from joule per kilogram kelvin [J/(kg * K)] to calorieIT per gram kelvin [calIT/(g * K)]

Usage

```
NISTjoulePerKgKtOcalITPerGramK(joulePerKgK)
```

Arguments

joulePerKgK	joule per kilogram kelvin [J/(kg * K)]

Value

calorieIT per gram kelvin [calIT/(g * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTjoulePerKgKtOcalITPerGramK(10)
```

NISTjoulePerKgKtOcalthPerGramDegC
Convert joule per kilogram kelvin to calorieth per gram degree Celsius

Description

NISTjoulePerKgKtOcalthPerGramDegC converts from joule per kilogram kelvin [J/(kg * K)] to calorieth per gram degree Celsius [calth/(g * C)]

Usage

```
NISTjoulePerKgKtOcalthPerGramDegC(joulePerKgK)
```

Arguments

joulePerKgK	joule per kilogram kelvin [J/(kg * K)]

Value

calorieth per gram degree Celsius [calth/(g * C)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjoulePerKgKtOcalthPerGramDegC(10)
```

NISTjoulePerKgKtOcalthPerGramK *Convert joule per kilogram kelvin to calorieth per gram kelvin*

Description

NISTjoulePerKgKtOcalthPerGramK converts from joule per kilogram kelvin [J/(kg * K)] to calorieth per gram kelvin [calth/(g* K)]

Usage

```
NISTjoulePerKgKtOcalthPerGramK(joulePerKgK)
```

Arguments

joulePerKgK	joule per kilogram kelvin [J/(kg * K)]

Value

calorieth per gram kelvin [calth/(g* K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjoulePerKgKtOcalthPerGramK(10)
```

NISTjoulePerKgKtOukThUnITPerPoundDegF
Convert joule per kilogram kelvin to British thermal unitIT per pound degree Fahrenheit

Description

NISTjoulePerKgKtOukThUnITPerPoundDegF converts from joule per kilogram kelvin [J/(kg * K)] to British thermal unitIT per pound degree Fahrenheit [BtuIT/(lb * F)]

Usage

```
NISTjoulePerKgKtOukThUnITPerPoundDegF(joulePerKgK)
```

Arguments

joulePerKgK	joule per kilogram kelvin [J/(kg * K)]

Value

British thermal unitIT per pound degree Fahrenheit [BtuIT/(lb * F)]

Author(s)

Jose Gama

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References

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Examples

```
NISTjoulePerKgKtOukThUnITPerPoundDegF(10)
```

NISTjoulePerKgKtOukThUnITPerPoundDegRankine
Convert joule per kilogram kelvin to British thermal unitIT per pound degree Rankine

Description

NISTjoulePerKgKtOukThUnITPerPoundDegRankine converts from joule per kilogram kelvin [J/(kg * K)] to British thermal unitIT per pound degree Rankine [BtuIT/(lb * R)]

Usage

```
NISTjoulePerKgKtOukThUnITPerPoundDegRankine(joulePerKgK)
```

Arguments

joulePerKgK	joule per kilogram kelvin [J/(kg * K)]

Value

British thermal unitIT per pound degree Rankine [BtuIT/(lb * R)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjoulePerKgKtOukThUnITPerPoundDegRankine(10)
```

NISTjoulePerKgKtOukThUnthPerPoundDegF
Convert joule per kilogram kelvin to British thermal unitth per pound degree Fahrenheit

Description

NISTjoulePerKgKtOukThUnthPerPoundDegF converts from joule per kilogram kelvin [J/(kg * K)] to British thermal unitth per pound degree Fahrenheit [Btuth/(lb * F)]

Usage

```
NISTjoulePerKgKtOukThUnthPerPoundDegF(joulePerKgK)
```

Arguments

joulePerKgK	joule per kilogram kelvin [J/(kg * K)]

Value

British thermal unitth per pound degree Fahrenheit [Btuth/(lb * F)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTjoulePerKgKtOukThUnthPerPoundDegF(10)
```

NISTjoulePerKgKtOukThUnthPerPoundDegRankine
Convert joule per kilogram kelvin to British thermal unitth per pound degree Rankine

Description

NISTjoulePerKgKtOukThUnthPerPoundDegRankine converts from joule per kilogram kelvin [J/(kg * K)] to British thermal unitth per pound degree Rankine [Btuth/(lb * R)]

Usage

```
NISTjoulePerKgKtOukThUnthPerPoundDegRankine(joulePerKgK)
```

Arguments

joulePerKgK	joule per kilogram kelvin [J/(kg * K)]

Value

British thermal unitth per pound degree Rankine [Btuth/(lb * R)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjoulePerKgKtOukThUnthPerPoundDegRankine(10)
```

NISTjoulePerKgTOcalITPerGram *Convert joule per kilogram to calorieIT per gram*

Description

NISTjoulePerKgTOcalITPerGram converts from joule per kilogram (J/kg) to calorieIT per gram (calIT/g)

Usage

```
NISTjoulePerKgTOcalITPerGram(joulePerKg)
```

Arguments

joulePerKg	joule per kilogram (J/kg)

Value

calorieIT per gram (calIT/g)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjoulePerKgTOcalITPerGram(10)
```

NISTjoulePerKgTOcalthPerGram *Convert joule per kilogram to calorieth per gram*

Description

NISTjoulePerKgTOcalthPerGram converts from joule per kilogram (J/kg) to calorieth per gram (calth/g)

Usage

```
NISTjoulePerKgTOcalthPerGram(joulePerKg)
```

Arguments

joulePerKg	joule per kilogram (J/kg)

Value

calorieth per gram (calth/g)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjoulePerKgTOcalthPerGram(10)
```

NISTjoulePerKgTOukThUnITPerPound
Convert joule per kilogram to British thermal unitIT per pound

Description

NISTjoulePerKgTOukThUnITPerPound converts from joule per kilogram (J/kg) to British thermal unitIT per pound (BtuIT/lb)

Usage

```
NISTjoulePerKgTOukThUnITPerPound(joulePerKg)
```

Arguments

joulePerKg	joule per kilogram (J/kg)

Value

British thermal unitIT per pound (BtuIT/lb)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjoulePerKgTOukThUnITPerPound(10)
```

NISTjoulePerKgTOukThUnthPerPound
Convert joule per kilogram to British thermal unitth per pound

Description

NISTjoulePerKgTOukThUnthPerPound converts from joule per kilogram (J/kg) to British thermal unitth per pound (Btuth/lb)

Usage

```
NISTjoulePerKgTOukThUnthPerPound(joulePerKg)
```

Arguments

joulePerKg	joule per kilogram (J/kg)

Value

British thermal unitth per pound (Btuth/lb)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjoulePerKgTOukThUnthPerPound(10)
```

NISTjoulePerKtOukThUnITPerDegF *Convert joule per kelvin to British thermal unitIT per degree Fahrenheit*

Description

NISTjoulePerKtOukThUnITPerDegF converts from joule per kelvin (J/K) to British thermal unitIT per degree Fahrenheit (BtuIT/F)

Usage

```
NISTjoulePerKtOukThUnITPerDegF(joulePerK)
```

Arguments

joulePerK	joule per kelvin (J/K)

Value

British thermal unitIT per degree Fahrenheit (BtuIT/F)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjoulePerKtOukThUnITPerDegF(10)
```

NISTjoulePerKtOukThUnITPerDegRankine
Convert joule per kelvin to British thermal unitIT per degree Rankine

Description

NISTjoulePerKtOukThUnITPerDegRankine converts from joule per kelvin (J/K) to British thermal unitIT per degree Rankine (BtuIT/R)

Usage

```
NISTjoulePerKtOukThUnITPerDegRankine(joulePerK)
```

Arguments

joulePerK	joule per kelvin (J/K)

Value

British thermal unitIT per degree Rankine (BtuIT/R)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjoulePerKtOukThUnITPerDegRankine(10)
```

NISTjoulePerKtOukThUnthPerDegF *Convert joule per kelvin to British thermal unitth per degree Fahrenheit*

Description

NISTjoulePerKtOukThUnthPerDegF converts from joule per kelvin (J/K) to British thermal unitth per degree Fahrenheit (Btuth/F)

Usage

```
NISTjoulePerKtOukThUnthPerDegF(joulePerK)
```

Arguments

joulePerK	joule per kelvin (J/K)

Value

British thermal unitth per degree Fahrenheit (Btuth/F)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjoulePerKtOukThUnthPerDegF(10)
```

NISTjoulePerKtOukThUnthPerDegRankine
Convert joule per kelvin to British thermal unitth per degree Rankine

Description

NISTjoulePerKtOukThUnthPerDegRankine converts from joule per kelvin (J/K) to British thermal unitth per degree Rankine (Btuth/R)

Usage

```
NISTjoulePerKtOukThUnthPerDegRankine(joulePerK)
```

Arguments

joulePerK	joule per kelvin (J/K)

Value

British thermal unitth per degree Rankine (Btuth/R)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjoulePerKtOukThUnthPerDegRankine(10)
```

`NISTjoulePerSqrMeterTOcalthPerSqrCm` *Convert joule per square meter to calorieth per square centimeter*

Description

`NISTjoulePerSqrMeterTOcalthPerSqrCm` converts from joule per square meter (J/m2) to calorieth per square centimeter (calth/cm2)

Usage

```
NISTjoulePerSqrMeterTOcalthPerSqrCm(joulePerSqrMeter)
```

Arguments

`joulePerSqrMeter`	joule per square meter (J/m2)

Value

calorieth per square centimeter (calth/cm2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjoulePerSqrMeterTOcalthPerSqrCm(10)
```

NISTjoulePerSqrMeterTOlangley
Convert joule per square meter to langley

Description

NISTjoulePerSqrMeterTOlangley converts from joule per square meter (J/m2) to langley (calth/cm2)

Usage

```
NISTjoulePerSqrMeterTOlangley(joulePerSqrMeter)
```

Arguments

joulePerSqrMeter	joule per square meter (J/m2)

Value

langley (calth/cm2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjoulePerSqrMeterTOlangley(10)
```

NISTjoulePerSqrMeterTOukThUnITPerSqrFt
Convert joule per square meter to British thermal unitIT per square foot

Description

NISTjoulePerSqrMeterTOukThUnITPerSqrFt converts from joule per square meter (J/m2) to British thermal unitIT per square foot (BtuIT/ft2)

Usage

```
NISTjoulePerSqrMeterTOukThUnITPerSqrFt(joulePerSqrMeter)
```

Arguments

joulePerSqrMeter
joule per square meter (J/m2)

Value

British thermal unitIT per square foot (BtuIT/ft2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjoulePerSqrMeterTOukThUnITPerSqrFt(10)
```

NISTjoulePerSqrMeterTOukThUnthPerSqrFt
Convert joule per square meter to British thermal unitth per square foot

Description

NISTjoulePerSqrMeterTOukThUnthPerSqrFt converts from joule per square meter (J/m2) to British thermal unitth per square foot (Btuth/ft2)

Usage

```
NISTjoulePerSqrMeterTOukThUnthPerSqrFt(joulePerSqrMeter)
```

Arguments

joulePerSqrMeter	joule per square meter (J/m2)

Value

British thermal unitth per square foot (Btuth/ft2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjoulePerSqrMeterTOukThUnthPerSqrFt(10)
```

`NISTjouleTOcal` *Convert joule to calorie*

Description

`NISTjouleTOcal` converts from joule (J) to calorie (cal) (mean)

Usage

```
NISTjouleTOcal(joule)
```

Arguments

`joule`	joule (J)

Value

calorie (cal) (mean)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOcal(10)
```

NISTjouleTOcal15C *Convert joule to calorie*

Description

NISTjouleTOcal15C converts from joule (J) to calorie (15 C) (cal15)

Usage

```
NISTjouleTOcal15C(joule)
```

Arguments

joule	joule (J)

Value

calorie (15 C) (cal15)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOcal15C(10)
```

NISTjouleTOcal20C *Convert joule to calorie*

Description

NISTjouleTOcal20C converts from joule (J) to calorie (20 C) (cal20)

Usage

```
NISTjouleTOcal20C(joule)
```

Arguments

joule	joule (J)

Value

calorie (20 C) (cal20)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOcal20C(10)
```

NISTjouleTOcalIT *Convert joule to calorieIT 10*

Description

NISTjouleTOcalIT converts from joule (J) to calorieIT (calIT) 10

Usage

```
NISTjouleTOcalIT(joule)
```

Arguments

joule	joule (J)

Value

calorieIT (calIT) 10

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTjouleTOcalIT(10)
```

`NISTjouleTOcalITKg` *Convert joule to calorieIT, kilogram 11*

Description

`NISTjouleTOcalITKg` converts from joule (J) to calorieIT, kilogram (nutrition) 11

Usage

```
NISTjouleTOcalITKg(joule)
```

Arguments

`joule`	joule (J)

Value

calorieIT, kilogram (nutrition) 11

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTjouleTOcalITKg(10)
```

NISTjouleTOcalKg *Convert joule to calorie , kilogram 11*

Description

NISTjouleTOcalKg converts from joule (J) to calorie (mean), kilogram (nutrition) 11

Usage

```
NISTjouleTOcalKg(joule)
```

Arguments

joule	joule (J)

Value

calorie (mean), kilogram (nutrition) 11

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTjouleTOcalKg(10)
```

NISTjouleTOcalth *Convert joule to calorieth 10*

Description

NISTjouleTOcalth converts from joule (J) to calorieth (calth) 10

Usage

```
NISTjouleTOcalth(joule)
```

Arguments

joule	joule (J)

Value

calorieth (calth) 10

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOcalth(10)
```

NISTjouleTOcalthKg *Convert joule to calorieth , kilogram 11*

Description

NISTjouleTOcalthKg converts from joule (J) to calorieth , kilogram (nutrition) 11

Usage

```
NISTjouleTOcalthKg(joule)
```

Arguments

joule	joule (J)

Value

calorieth , kilogram (nutrition) 11

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOcalthKg(10)
```

NISTjouleTOelectronvolt *Convert joule to electronvolt*

Description

NISTjouleTOelectronvolt converts from joule (J) to electronvolt (eV)

Usage

```
NISTjouleTOelectronvolt(joule)
```

Arguments

joule	joule (J)

Value

electronvolt (eV)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOelectronvolt(10)
```

NISTjouleTOerg *Convert joule to erg*

Description

NISTjouleTOerg converts from joule (J) to erg (erg)

Usage

```
NISTjouleTOerg(joule)
```

Arguments

joule	joule (J)

Value

erg (erg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOerg(10)
```

`NISTjouleTOftPoundal` *Convert joule to foot poundal*

Description

`NISTjouleTOftPoundal` converts from joule (J) to foot poundal

Usage

```
NISTjouleTOftPoundal(joule)
```

Arguments

`joule`	joule (J)

Value

foot poundal

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOftPoundal(10)
```

NISTjouleTOftPoundForce *Convert joule to foot pound-force*

Description

NISTjouleTOftPoundForce converts from joule (J) to foot pound-force (ft * lbf)

Usage

```
NISTjouleTOftPoundForce(joule)
```

Arguments

joule	joule (J)

Value

foot pound-force (ft * lbf)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOftPoundForce(10)
```

NISTjouleTOkilocal *Convert joule to kilocalorie*

Description

NISTjouleTOkilocal converts from joule (J) to kilocalorie (mean) (kcal)

Usage

```
NISTjouleTOkilocal(joule)
```

Arguments

joule	joule (J)

Value

kilocalorie (mean) (kcal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOkilocal(10)
```

NISTjouleTOkilocalIT *Convert joule to kilocalorieIT*

Description

NISTjouleTOkilocalIT converts from joule (J) to kilocalorieIT (kcalIT)

Usage

```
NISTjouleTOkilocalIT(joule)
```

Arguments

joule	joule (J)

Value

kilocalorieIT (kcalIT)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOkilocalIT(10)
```

NISTjouleTOkilocalth *Convert joule to kilocalorieth*

Description

NISTjouleTOkilocalth converts from joule (J) to kilocalorieth (kcalth)

Usage

```
NISTjouleTOkilocalth(joule)
```

Arguments

joule	joule (J)

Value

kilocalorieth (kcalth)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOkilocalth(10)
```

NISTjouleTOkilowattHour *Convert joule to kilowatt hour*

Description

NISTjouleTOkilowattHour converts from joule (J) to kilowatt hour (kW * h)

Usage

```
NISTjouleTOkilowattHour(joule)
```

Arguments

joule	joule (J)

Value

kilowatt hour (kW * h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOkilowattHour(10)
```

NISTjouleTOquad *Convert joule to quad 11*

Description

NISTjouleTOquad converts from joule (J) to quad (1015 BtuIT) 11

Usage

```
NISTjouleTOquad(joule)
```

Arguments

joule	joule (J)

Value

quad (1015 BtuIT) 11

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOquad(10)
```

NISTjouleTOthermEC *Convert joule to therm 24*

Description

NISTjouleTOthermEC converts from joule (J) to therm (EC) 24

Usage

```
NISTjouleTOthermEC(joule)
```

Arguments

joule	joule (J)

Value

therm (EC) 24

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOthermEC(10)
```

NISTjouleTOthermUS *Convert joule to therm 24*

Description

NISTjouleTOthermUS converts from joule (J) to therm (U.S.) 24

Usage

```
NISTjouleTOthermUS(joule)
```

Arguments

joule	joule (J)

Value

therm (U.S.) 24

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOthermUS(10)
```

NISTjouleTOtonOfTNT *Convert joule to ton of TNT 25*

Description

NISTjouleTOtonOfTNT converts from joule (J) to ton of TNT (energy equivalent) 25

Usage

```
NISTjouleTOtonOfTNT(joule)
```

Arguments

joule	joule (J)

Value

ton of TNT (energy equivalent) 25

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOtonOfTNT(10)
```

NISTjouleTOukThUn *Convert joule to British thermal unit*

Description

NISTjouleTOukThUn converts from joule (J) to British thermal unit (mean) (Btu)

Usage

```
NISTjouleTOukThUn(joule)
```

Arguments

joule	joule (J)

Value

British thermal unit (mean) (Btu)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOukThUn(10)
```

NISTjouleTOukThUn39F *Convert joule to British thermal unit*

Description

NISTjouleTOukThUn39F converts from joule (J) to British thermal unit (39 F) (Btu)

Usage

```
NISTjouleTOukThUn39F(joule)
```

Arguments

joule	joule (J)

Value

British thermal unit (39 F) (Btu)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOukThUn39F(10)
```

`NISTjouleTOukThUn59F` *Convert joule to British thermal unit*

Description

`NISTjouleTOukThUn59F` converts from joule (J) to British thermal unit (59 F) (Btu)

Usage

```
NISTjouleTOukThUn59F(joule)
```

Arguments

`joule`	joule (J)

Value

British thermal unit (59 F) (Btu)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOukThUn59F(10)
```

NISTjouleTOukThUn60F *Convert joule to British thermal unit*

Description

NISTjouleTOukThUn60F converts from joule (J) to British thermal unit (60 F) (Btu)

Usage

```
NISTjouleTOukThUn60F(joule)
```

Arguments

joule	joule (J)

Value

British thermal unit (60 F) (Btu)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOukThUn60F(10)
```

`NISTjouleTOukThUnIT` *Convert joule to British thermal unitIT 9*

Description

`NISTjouleTOukThUnIT` converts from joule (J) to British thermal unitIT (BtuIT) 9

Usage

```
NISTjouleTOukThUnIT(joule)
```

Arguments

`joule`	joule (J)

Value

British thermal unitIT (BtuIT) 9

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOukThUnIT(10)
```

NISTjouleTOukThUnth *Convert joule to British thermal unitth 9*

Description

NISTjouleTOukThUnth converts from joule (J) to British thermal unitth (Btuth) 9

Usage

```
NISTjouleTOukThUnth(joule)
```

Arguments

joule	joule (J)

Value

British thermal unitth (Btuth) 9

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOukThUnth(10)
```

NISTjouleTOwattHour *Convert joule to watt hour*

Description

NISTjouleTOwattHour converts from joule (J) to watt hour (W * h)

Usage

```
NISTjouleTOwattHour(joule)
```

Arguments

joule	joule (J)

Value

watt hour (W * h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOwattHour(10)
```

NISTjouleTOwattSec *Convert joule to watt second*

Description

NISTjouleTOwattSec converts from joule (J) to watt second (W * s)

Usage

```
NISTjouleTOwattSec(joule)
```

Arguments

joule	joule (J)

Value

watt second (W * s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTjouleTOwattSec(10)
```

NISTkayserTOreciprocalMeter *Convert kayser to reciprocal meter*

Description

NISTkayserTOreciprocalMeter converts from kayser (K) to reciprocal meter (m-1)

Usage

```
NISTkayserTOreciprocalMeter(kayser)
```

Arguments

kayser	kayser (K)

Value

reciprocal meter (m-1)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkayserTOreciprocalMeter(10)
```

NISTkgForceMeterTOnewtonMeter
Convert kilogram-force meter to newton meter

Description

NISTkgForceMeterTOnewtonMeter converts from kilogram-force meter (kgf * m) to newton meter (N * m)

Usage

```
NISTkgForceMeterTOnewtonMeter(kgForceMeter)
```

Arguments

kgForceMeter	kilogram-force meter (kgf * m)

Value

newton meter (N * m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgForceMeterTOnewtonMeter(10)
```

NISTkgForcePerSqrCmTOkpascal *Convert kilogram-force per square centimeter to kilopascal*

Description

NISTkgForcePerSqrCmTOkpascal converts from kilogram-force per square centimeter (kgf/cm2) to kilopascal (kPa)

Usage

```
NISTkgForcePerSqrCmTOkpascal(kgForcePerSqrCm)
```

Arguments

kgForcePerSqrCm	kilogram-force per square centimeter (kgf/cm2)

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgForcePerSqrCmTOkpascal(10)
```

NISTkgForcePerSqrCmTOpascal *Convert kilogram-force per square centimeter to pascal*

Description

NISTkgForcePerSqrCmTOpascal converts from kilogram-force per square centimeter (kgf/cm2) to pascal (Pa)

Usage

```
NISTkgForcePerSqrCmTOpascal(kgForcePerSqrCm)
```

Arguments

kgForcePerSqrCm	kilogram-force per square centimeter (kgf/cm2)

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgForcePerSqrCmTOpascal(10)
```

NISTkgForcePerSqrMeterTOpascal
Convert kilogram-force per square meter to pascal

Description

NISTkgForcePerSqrMeterTOpascal converts from kilogram-force per square meter (kgf/m2) to pascal (Pa)

Usage

```
NISTkgForcePerSqrMeterTOpascal(kgForcePerSqrMeter)
```

Arguments

kgForcePerSqrMeter
kilogram-force per square meter (kgf/m2)

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgForcePerSqrMeterTOpascal(10)
```

NISTkgForcePerSqrMillimeterTOmpascal
Convert kilogram-force per square millimeter to megapascal

Description

NISTkgForcePerSqrMillimeterTOmpascal converts from kilogram-force per square millimeter (kgf/mm2) to megapascal (MPa)

Usage

```
NISTkgForcePerSqrMillimeterTOmpascal(kgForcePerSqrMillimeter)
```

Arguments

kgForcePerSqrMillimeter
kilogram-force per square millimeter (kgf/mm2)

Value

megapascal (MPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgForcePerSqrMillimeterTOmpascal(10)
```

NISTkgForcePerSqrMillimeterTOpascal
Convert kilogram-force per square millimeter to pascal

Description

NISTkgForcePerSqrMillimeterTOpascal converts from kilogram-force per square millimeter (kgf/mm2) to pascal (Pa)

Usage

```
NISTkgForcePerSqrMillimeterTOpascal(kgForcePerSqrMillimeter)
```

Arguments

kgForcePerSqrMillimeter	kilogram-force per square millimeter (kgf/mm2)

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgForcePerSqrMillimeterTOpascal(10)
```

NISTkgForceSecSqrdPerMeterTOkg *Convert kilogram-force second squared per meter to kilogram*

Description

NISTkgForceSecSqrdPerMeterTOkg converts from kilogram-force second squared per meter (kgf * s2/m) to kilogram (kg)

Usage

```
NISTkgForceSecSqrdPerMeterTOkg(kgForceSecSqrdPerMeter)
```

Arguments

kgForceSecSqrdPerMeter	kilogram-force second squared per meter (kgf * s2/m)

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgForceSecSqrdPerMeterTOkg(10)
```

NISTkgForceTOnewton *Convert kilogram-force to newton*

Description

NISTkgForceTOnewton converts from kilogram-force (kgf) to newton (N)

Usage

```
NISTkgForceTOnewton(kgForce)
```

Arguments

kgForce	kilogram-force (kgf)

Value

newton (N)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgForceTOnewton(10)
```

NISTkgMeterSqrdTOpoundFtSqrd *Convert kilogram meter squared to pound foot squared*

Description

NISTkgMeterSqrdTOpoundFtSqrd converts from kilogram meter squared (kg * m2) to pound foot squared (lb * ft2)

Usage

```
NISTkgMeterSqrdTOpoundFtSqrd(kgMeterSqrd)
```

Arguments

kgMeterSqrd	kilogram meter squared (kg * m2)

Value

pound foot squared (lb * ft2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgMeterSqrdTOpoundFtSqrd(10)
```

NISTkgMeterSqrdTOpoundInchSqrd *Convert kilogram meter squared to pound inch squared*

Description

NISTkgMeterSqrdTOpoundInchSqrd converts from kilogram meter squared (kg *m2) to pound inch squared (lb * in2)

Usage

```
NISTkgMeterSqrdTOpoundInchSqrd(kgMeterSqrd)
```

Arguments

kgMeterSqrd	kilogram meter squared (kg *m2)

Value

pound inch squared (lb * in2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgMeterSqrdTOpoundInchSqrd(10)
```

NISTkgPerCubMeterTOgrainPerGallon
Convert kilogram per cubic meter to grain per gallon

Description

NISTkgPerCubMeterTOgrainPerGallon converts from kilogram per cubic meter (kg/m3) to grain per gallon (U.S.) (gr/gal)

Usage

```
NISTkgPerCubMeterTOgrainPerGallon(kgPerCubMeter)
```

Arguments

kgPerCubMeter	kilogram per cubic meter (kg/m3)

Value

grain per gallon (U.S.) (gr/gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerCubMeterTOgrainPerGallon(10)
```

NISTkgPerCubMeterTOgramPerCubCm *Convert kilogram per cubic meter to gram per cubic centimeter*

Description

NISTkgPerCubMeterTOgramPerCubCm converts from kilogram per cubic meter (kg/m3) to gram per cubic centimeter (g/cm3)

Usage

```
NISTkgPerCubMeterTOgramPerCubCm(kgPerCubMeter)
```

Arguments

kgPerCubMeter	kilogram per cubic meter (kg/m3)

Value

gram per cubic centimeter (g/cm3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerCubMeterTOgramPerCubCm(10)
```

NISTkgPerCubMeterTOounceImperialPerGallon
Convert kilogram per cubic meter to ounce per gallon

Description

NISTkgPerCubMeterTOounceImperialPerGallon converts from kilogram per cubic meter (kg/m3) to ounce (avoirdupois) per gallon [Canadian and U.K. (Imperial)] (oz/gal)

Usage

```
NISTkgPerCubMeterTOounceImperialPerGallon(kgPerCubMeter)
```

Arguments

kgPerCubMeter	kilogram per cubic meter (kg/m3)

Value

ounce (avoirdupois) per gallon [Canadian and U.K. (Imperial)] (oz/gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerCubMeterTOounceImperialPerGallon(10)
```

NISTkgPerCubMeterTOouncePerCubInch
Convert kilogram per cubic meter to ounce per cubic inch

Description

NISTkgPerCubMeterTOouncePerCubInch converts from kilogram per cubic meter (kg/m3) to ounce (avoirdupois) per cubic inch (oz/in3)

Usage

```
NISTkgPerCubMeterTOouncePerCubInch(kgPerCubMeter)
```

Arguments

kgPerCubMeter	kilogram per cubic meter (kg/m3)

Value

ounce (avoirdupois) per cubic inch (oz/in3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerCubMeterTOouncePerCubInch(10)
```

NISTkgPerCubMeterTOouncePerGallon
Convert kilogram per cubic meter to ounce per gallon

Description

NISTkgPerCubMeterTOouncePerGallon converts from kilogram per cubic meter (kg/m3) to ounce (avoirdupois) per gallon (U.S.) (oz/gal)

Usage

```
NISTkgPerCubMeterTOouncePerGallon(kgPerCubMeter)
```

Arguments

kgPerCubMeter	kilogram per cubic meter (kg/m3)

Value

ounce (avoirdupois) per gallon (U.S.) (oz/gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerCubMeterTOouncePerGallon(10)
```

NISTkgPerCubMeterTOpoundPerCubFt
Convert kilogram per cubic meter to pound per cubic foot

Description

NISTkgPerCubMeterTOpoundPerCubFt converts from kilogram per cubic meter (kg/m3) to pound per cubic foot (lb/ft3)

Usage

```
NISTkgPerCubMeterTOpoundPerCubFt(kgPerCubMeter)
```

Arguments

kgPerCubMeter	kilogram per cubic meter (kg/m3)

Value

pound per cubic foot (lb/ft3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerCubMeterTOpoundPerCubFt(10)
```

NISTkgPerCubMeterTOpoundPerCubInch
Convert kilogram per cubic meter to pound per cubic inch

Description

NISTkgPerCubMeterTOpoundPerCubInch converts from kilogram per cubic meter (kg/m3) to pound per cubic inch (lb/in3)

Usage

```
NISTkgPerCubMeterTOpoundPerCubInch(kgPerCubMeter)
```

Arguments

kgPerCubMeter	kilogram per cubic meter (kg/m3)

Value

pound per cubic inch (lb/in3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerCubMeterTOpoundPerCubInch(10)
```

NISTkgPerCubMeterTOpoundPerCubYard
Convert kilogram per cubic meter to pound per cubic yard

Description

NISTkgPerCubMeterTOpoundPerCubYard converts from kilogram per cubic meter (kg/m3) to pound per cubic yard (lb/yd3)

Usage

```
NISTkgPerCubMeterTOpoundPerCubYard(kgPerCubMeter)
```

Arguments

kgPerCubMeter	kilogram per cubic meter (kg/m3)

Value

pound per cubic yard (lb/yd3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerCubMeterTOpoundPerCubYard(10)
```

NISTkgPerCubMeterTOpoundPerGallon
Convert kilogram per cubic meter to pound per gallon

Description

NISTkgPerCubMeterTOpoundPerGallon converts from kilogram per cubic meter (kg/m3) to pound per gallon (U.S.) (lb/gal)

Usage

```
NISTkgPerCubMeterTOpoundPerGallon(kgPerCubMeter)
```

Arguments

kgPerCubMeter	kilogram per cubic meter (kg/m3)

Value

pound per gallon (U.S.) (lb/gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerCubMeterTOpoundPerGallon(10)
```

`NISTkgPerCubMeterTOpoundPerGallonImperial`
Convert kilogram per cubic meter to pound per gallon

Description

`NISTkgPerCubMeterTOpoundPerGallonImperial` converts from kilogram per cubic meter (kg/m3) to pound per gallon [Canadian and U.K. (Imperial)] (lb/gal)

Usage

```
NISTkgPerCubMeterTOpoundPerGallonImperial(kgPerCubMeter)
```

Arguments

`kgPerCubMeter`	kilogram per cubic meter (kg/m3)

Value

pound per gallon [Canadian and U.K. (Imperial)] (lb/gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerCubMeterTOpoundPerGallonImperial(10)
```

NISTkgPerCubMeterTOslugPerCubFt
Convert kilogram per cubic meter to slug per cubic foot

Description

NISTkgPerCubMeterTOslugPerCubFt converts from kilogram per cubic meter (kg/m3) to slug per cubic foot (slug/ft3)

Usage

```
NISTkgPerCubMeterTOslugPerCubFt(kgPerCubMeter)
```

Arguments

kgPerCubMeter	kilogram per cubic meter (kg/m3)

Value

slug per cubic foot (slug/ft3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerCubMeterTOslugPerCubFt(10)
```

NISTkgPerCubMeterTOtonLongPerCubYard
Convert kilogram per cubic meter to ton, long, per cubic yard

Description

NISTkgPerCubMeterTOtonLongPerCubYard converts from kilogram per cubic meter (kg/m3) to ton, long, per cubic yard

Usage

```
NISTkgPerCubMeterTOtonLongPerCubYard(kgPerCubMeter)
```

Arguments

kgPerCubMeter	kilogram per cubic meter (kg/m3)

Value

ton, long, per cubic yard

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerCubMeterTOtonLongPerCubYard(10)
```

NISTkgPerCubMeterTOtonShortPerCubYard
Convert kilogram per cubic meter to ton, short, per cubic yard

Description

NISTkgPerCubMeterTOtonShortPerCubYard converts from kilogram per cubic meter (kg/m3) to ton, short, per cubic yard

Usage

```
NISTkgPerCubMeterTOtonShortPerCubYard(kgPerCubMeter)
```

Arguments

kgPerCubMeter	kilogram per cubic meter (kg/m3)

Value

ton, short, per cubic yard

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerCubMeterTOtonShortPerCubYard(10)
```

NISTkgPerJouleTOpoundPerHorsepowerHour
Convert kilogram per joule to pound per horsepower hour

Description

NISTkgPerJouleTOpoundPerHorsepowerHour converts from kilogram per joule (kg/J) to pound per horsepower hour [lb/(hp * h)]

Usage

```
NISTkgPerJouleTOpoundPerHorsepowerHour(kgPerJoule)
```

Arguments

kgPerJoule	kilogram per joule (kg/J)

Value

pound per horsepower hour [lb/(hp * h)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerJouleTOpoundPerHorsepowerHour(10)
```

NISTkgPerLiterTOpoundPerGallon
Convert kilogram per liter to pound per gallon

Description

NISTkgPerLiterTOpoundPerGallon converts from kilogram per liter (kg/L) to pound per gallon (U.S.) (lb/gal)

Usage

```
NISTkgPerLiterTOpoundPerGallon(kgPerLiter)
```

Arguments

kgPerLiter	kilogram per liter (kg/L)

Value

pound per gallon (U.S.) (lb/gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerLiterTOpoundPerGallon(10)
```

`NISTkgPerLiterTOpoundPerGallonImperial`
Convert kilogram per liter to pound per gallon

Description

`NISTkgPerLiterTOpoundPerGallonImperial` converts from kilogram per liter (kg/L) to pound per gallon [Canadian and U.K. (Imperial)] (lb/gal)

Usage

```
NISTkgPerLiterTOpoundPerGallonImperial(kgPerLiter)
```

Arguments

`kgPerLiter`	kilogram per liter (kg/L)

Value

pound per gallon [Canadian and U.K. (Imperial)] (lb/gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerLiterTOpoundPerGallonImperial(10)
```

NISTkgPerMeterTOdenier

Convert kilogram per meter to denier

Description

NISTkgPerMeterTOdenier converts from kilogram per meter (kg/m) to denier

Usage

```
NISTkgPerMeterTOdenier(kgPerMeter)
```

Arguments

kgPerMeter	kilogram per meter (kg/m)

Value

denier

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerMeterTOdenier(10)
```

NISTkgPerMeterTOpoundPerFt

Convert kilogram per meter to pound per foot

Description

NISTkgPerMeterTOpoundPerFt converts from kilogram per meter (kg/m) to pound per foot (lb/ft)

Usage

```
NISTkgPerMeterTOpoundPerFt(kgPerMeter)
```

Arguments

kgPerMeter	kilogram per meter (kg/m)

Value

pound per foot (lb/ft)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerMeterTOpoundPerFt(10)
```

NISTkgPerMeterTOpoundPerInch *Convert kilogram per meter to pound per inch*

Description

NISTkgPerMeterTOpoundPerInch converts from kilogram per meter (kg/m) to pound per inch (lb/in)

Usage

```
NISTkgPerMeterTOpoundPerInch(kgPerMeter)
```

Arguments

kgPerMeter	kilogram per meter (kg/m)

Value

pound per inch (lb/in)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerMeterTOpoundPerInch(10)
```

NISTkgPerMeterTOpoundPerYard
Convert kilogram per meter to pound per yard

Description

NISTkgPerMeterTOpoundPerYard converts from kilogram per meter (kg/m) to pound per yard (lb/yd)

Usage

```
NISTkgPerMeterTOpoundPerYard(kgPerMeter)
```

Arguments

kgPerMeter	kilogram per meter (kg/m)

Value

pound per yard (lb/yd)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerMeterTOpoundPerYard(10)
```

NISTkgPerMeterTOtex *Convert kilogram per meter to tex*

Description

NISTkgPerMeterTOtex converts from kilogram per meter (kg/m) to tex

Usage

```
NISTkgPerMeterTOtex(kgPerMeter)
```

Arguments

kgPerMeter	kilogram per meter (kg/m)

Value

tex

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerMeterTOtex(10)
```

NISTkgPerPascalSecMeterTOpermInch0C
Convert kilogram per pascal second meter to perm inch

Description

NISTkgPerPascalSecMeterTOpermInch0C converts from kilogram per pascal second meter [kg/(Pa*s*m)] to perm inch (0 C)

Usage

```
NISTkgPerPascalSecMeterTOpermInch0C(kgPerPascalSecMeter)
```

Arguments

kgPerPascalSecMeter
kilogram per pascal second meter [kg/(Pa*s*m)]

Value

perm inch (0 C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerPascalSecMeterTOpermInch0C(10)
```

NISTkgPerPascalSecMeterTOpermInch23C
Convert kilogram per pascal second meter to perm inch

Description

NISTkgPerPascalSecMeterTOpermInch23C converts from kilogram per pascal second meter [kg/(Pa*s*m)] to perm inch (23 C)

Usage

```
NISTkgPerPascalSecMeterTOpermInch23C(kgPerPascalSecMeter)
```

Arguments

kgPerPascalSecMeter	kilogram per pascal second meter [kg/(Pa*s*m)]

Value

perm inch (23 C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerPascalSecMeterTOpermInch23C(10)
```

NISTkgPerPascalSecSqrMeterTOperm0C
Convert kilogram per pascal second square meter to perm

Description

NISTkgPerPascalSecSqrMeterTOperm0C converts from kilogram per pascal second square meter [kg/(Pa * s * m2)] to perm (0 C)

Usage

```
NISTkgPerPascalSecSqrMeterTOperm0C(kgPerPascalSecSqrMeter)
```

Arguments

kgPerPascalSecSqrMeter
kilogram per pascal second square meter [kg/(Pa * s * m2)]

Value

perm (0 C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerPascalSecSqrMeterTOperm0C(10)
```

NISTkgPerPascalSecSqrMeterTOperm23C
Convert kilogram per pascal second square meter to perm

Description

NISTkgPerPascalSecSqrMeterTOperm23C converts from kilogram per pascal second square meter [kg/(Pa * s * m2)] to perm (23 C)

Usage

```
NISTkgPerPascalSecSqrMeterTOperm23C(kgPerPascalSecSqrMeter)
```

Arguments

kgPerPascalSecSqrMeter
kilogram per pascal second square meter [kg/(Pa * s * m2)]

Value

perm (23 C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerPascalSecSqrMeterTOperm23C(10)
```

NISTkgPerSecTOpoundPerHour

Convert kilogram per second to pound per hour

Description

NISTkgPerSecTOpoundPerHour converts from kilogram per second (kg/s) to pound per hour (lb/h)

Usage

```
NISTkgPerSecTOpoundPerHour(kgPerSec)
```

Arguments

kgPerSec	kilogram per second (kg/s)

Value

pound per hour (lb/h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerSecTOpoundPerHour(10)
```

NISTkgPerSecTOpoundPerMin *Convert kilogram per second to pound per minute*

Description

NISTkgPerSecTOpoundPerMin converts from kilogram per second (kg/s) to pound per minute (lb/min)

Usage

```
NISTkgPerSecTOpoundPerMin(kgPerSec)
```

Arguments

kgPerSec	kilogram per second (kg/s)

Value

pound per minute (lb/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerSecTOpoundPerMin(10)
```

NISTkgPerSecTOpoundPerSec
Convert kilogram per second to pound per second

Description

NISTkgPerSecTOpoundPerSec converts from kilogram per second (kg/s) to pound per second (lb/s)

Usage

```
NISTkgPerSecTOpoundPerSec(kgPerSec)
```

Arguments

kgPerSec	kilogram per second (kg/s)

Value

pound per second (lb/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerSecTOpoundPerSec(10)
```

NISTkgPerSecTOtonShortPerHour
Convert kilogram per second to ton, short, per hour

Description

NISTkgPerSecTOtonShortPerHour converts from kilogram per second (kg/s) to ton, short, per hour

Usage

```
NISTkgPerSecTOtonShortPerHour(kgPerSec)
```

Arguments

kgPerSec	kilogram per second (kg/s)

Value

ton, short, per hour

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTkgPerSecTOtonShortPerHour(10)
```

NISTkgPerSqrMeterTOouncePerSqrFt
Convert kilogram per square meter to ounce per square foot

Description

NISTkgPerSqrMeterTOouncePerSqrFt converts from kilogram per square meter (kg/m2) to ounce (avoirdupois) per square foot (oz/ft2)

Usage

```
NISTkgPerSqrMeterTOouncePerSqrFt(kgPerSqrMeter)
```

Arguments

kgPerSqrMeter	kilogram per square meter (kg/m2)

Value

ounce (avoirdupois) per square foot (oz/ft2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerSqrMeterTOouncePerSqrFt(10)
```

NISTkgPerSqrMeterTOouncePerSqrInch
Convert kilogram per square meter to ounce per square inch

Description

NISTkgPerSqrMeterTOouncePerSqrInch converts from kilogram per square meter (kg/m2) to ounce (avoirdupois) per square inch (oz/in2)

Usage

```
NISTkgPerSqrMeterTOouncePerSqrInch(kgPerSqrMeter)
```

Arguments

kgPerSqrMeter	kilogram per square meter (kg/m2)

Value

ounce (avoirdupois) per square inch (oz/in2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTkgPerSqrMeterTOouncePerSqrInch(10)
```

NISTkgPerSqrMeterTOouncePerSqrYard
Convert kilogram per square meter to ounce per square yard

Description

NISTkgPerSqrMeterTOouncePerSqrYard converts from kilogram per square meter (kg/m2) to ounce (avoirdupois) per square yard (oz/yd2)

Usage

```
NISTkgPerSqrMeterTOouncePerSqrYard(kgPerSqrMeter)
```

Arguments

kgPerSqrMeter	kilogram per square meter (kg/m2)

Value

ounce (avoirdupois) per square yard (oz/yd2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerSqrMeterTOouncePerSqrYard(10)
```

NISTkgPerSqrMeterTOpoundPerSqrFt
Convert kilogram per square meter to pound per square foot

Description

NISTkgPerSqrMeterTOpoundPerSqrFt converts from kilogram per square meter (kg/m2) to pound per square foot (lb/ft2)

Usage

```
NISTkgPerSqrMeterTOpoundPerSqrFt(kgPerSqrMeter)
```

Arguments

kgPerSqrMeter	kilogram per square meter (kg/m2)

Value

pound per square foot (lb/ft2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerSqrMeterTOpoundPerSqrFt(10)
```

NISTkgPerSqrMeterTOpoundPerSqrInch
Convert kilogram per square meter to pound per square inch

Description

NISTkgPerSqrMeterTOpoundPerSqrInch converts from kilogram per square meter (kg/m2) to pound per square inch (not pound-force) (lb/in2)

Usage

```
NISTkgPerSqrMeterTOpoundPerSqrInch(kgPerSqrMeter)
```

Arguments

kgPerSqrMeter	kilogram per square meter (kg/m2)

Value

pound per square inch (not pound-force) (lb/in2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgPerSqrMeterTOpoundPerSqrInch(10)
```

NISTkgTOcaratSI *Convert kilogram to carat, metric*

Description

NISTkgTOcaratSI converts from kilogram (kg) to carat, metric

Usage

```
NISTkgTOcaratSI(kg)
```

Arguments

kg	kilogram (kg)

Value

carat, metric

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgTOcaratSI(10)
```

NISTkgTOgrain *Convert kilogram to grain*

Description

NISTkgTOgrain converts from kilogram (kg) to grain (gr)

Usage

```
NISTkgTOgrain(kg)
```

Arguments

kg	kilogram (kg)

Value

grain (gr)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgTOgrain(10)
```

NISTkgTOhundredweightLong
Convert kilogram to hundredweight

Description

NISTkgTOhundredweightLong converts from kilogram (kg) to hundredweight (long, 112 lb)

Usage

```
NISTkgTOhundredweightLong(kg)
```

Arguments

kg	kilogram (kg)

Value

hundredweight (long, 112 lb)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgTOhundredweightLong(10)
```

NISTkgTOhundredweightShort *Convert kilogram to hundredweight*

Description

NISTkgTOhundredweightShort converts from kilogram (kg) to hundredweight (short, 100 lb)

Usage

```
NISTkgTOhundredweightShort(kg)
```

Arguments

kg	kilogram (kg)

Value

hundredweight (short, 100 lb)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgTOhundredweightShort(10)
```

NISTkgTOkgForceSecSqrdPerMeter
Convert kilogram to kilogram-force second squared per meter

Description

NISTkgTOkgForceSecSqrdPerMeter converts from kilogram (kg) to kilogram-force second squared per meter (kgf * s2/m)

Usage

```
NISTkgTOkgForceSecSqrdPerMeter(kg)
```

Arguments

kg	kilogram (kg)

Value

kilogram-force second squared per meter (kgf * s2/m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgTOkgForceSecSqrdPerMeter(10)
```

NISTkgTOounceAvoirdupois *Convert kilogram to ounce*

Description

NISTkgTOounceAvoirdupois converts from kilogram (kg) to ounce (avoirdupois) (oz)

Usage

```
NISTkgTOounceAvoirdupois(kg)
```

Arguments

kg	kilogram (kg)

Value

ounce (avoirdupois) (oz)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgTOounceAvoirdupois(10)
```

NISTkgTOounceTroy *Convert kilogram to ounce*

Description

NISTkgTOounceTroy converts from kilogram (kg) to ounce (troy or apothecary) (oz)

Usage

```
NISTkgTOounceTroy(kg)
```

Arguments

kg	kilogram (kg)

Value

ounce (troy or apothecary) (oz)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgTOounceTroy(10)
```

NISTkgTOpennyweight *Convert kilogram to pennyweight*

Description

NISTkgTOpennyweight converts from kilogram (kg) to pennyweight (dwt)

Usage

```
NISTkgTOpennyweight(kg)
```

Arguments

kg	kilogram (kg)

Value

pennyweight (dwt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgTOpennyweight(10)
```

NISTkgTOpoundAvoirdupois *Convert kilogram to pound 22*

Description

NISTkgTOpoundAvoirdupois converts from kilogram (kg) to pound (avoirdupois) (lb) 22

Usage

```
NISTkgTOpoundAvoirdupois(kg)
```

Arguments

kg	kilogram (kg)

Value

pound (avoirdupois) (lb) 22

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgTOpoundAvoirdupois(10)
```

NISTkgTOpoundTroy *Convert kilogram to pound*

Description

NISTkgTOpoundTroy converts from kilogram (kg) to pound (troy or apothecary) (lb)

Usage

```
NISTkgTOpoundTroy(kg)
```

Arguments

kg	kilogram (kg)

Value

pound (troy or apothecary) (lb)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgTOpoundTroy(10)
```

NISTkgTOslug *Convert kilogram to slug*

Description

NISTkgTOslug converts from kilogram (kg) to slug (slug)

Usage

```
NISTkgTOslug(kg)
```

Arguments

kg	kilogram (kg)

Value

slug (slug)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgTOslug(10)
```

NISTkgTOtonAssay *Convert kilogram to ton, assay*

Description

NISTkgTOtonAssay converts from kilogram (kg) to ton, assay (AT)

Usage

```
NISTkgTOtonAssay(kg)
```

Arguments

kg	kilogram (kg)

Value

ton, assay (AT)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgTOtonAssay(10)
```

NISTkgTOtonLong *Convert kilogram to ton, long*

Description

NISTkgTOtonLong converts from kilogram (kg) to ton, long (2240 lb)

Usage

```
NISTkgTOtonLong(kg)
```

Arguments

kg	kilogram (kg)

Value

ton, long (2240 lb)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgTOtonLong(10)
```

NISTkgTOtonne *Convert kilogram to tonne*

Description

NISTkgTOtonne converts from kilogram (kg) to tonne (called metric ton in U.S.) (t)

Usage

```
NISTkgTOtonne(kg)
```

Arguments

kg	kilogram (kg)

Value

tonne (called metric ton in U.S.) (t)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgTOtonne(10)
```

NISTkgTOtonShort *Convert kilogram to ton, short*

Description

NISTkgTOtonShort converts from kilogram (kg) to ton, short (2000 lb)

Usage

```
NISTkgTOtonShort(kg)
```

Arguments

kg	kilogram (kg)

Value

ton, short (2000 lb)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgTOtonShort(10)
```

NISTkgTOtonSI *Convert kilogram to ton, metric*

Description

NISTkgTOtonSI converts from kilogram (kg) to ton, metric (t)

Usage

```
NISTkgTOtonSI(kg)
```

Arguments

kg	kilogram (kg)

Value

ton, metric (t)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkgTOtonSI(10)
```

NISTkilocalITtOjoule *Convert kilocalorieIT to joule*

Description

NISTkilocalITtOjoule converts from kilocalorieIT (kcalIT) to joule (J)

Usage

```
NISTkilocalITtOjoule(kilocalIT)
```

Arguments

kilocalIT	kilocalorieIT (kcalIT)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkilocalITtOjoule(10)
```

NISTkilocalthPerMinTOwatt *Convert kilocalorieth per minute to watt*

Description

NISTkilocalthPerMinTOwatt converts from kilocalorieth per minute (kcalth/min) to watt (W)

Usage

```
NISTkilocalthPerMinTOwatt(kilocalthPerMin)
```

Arguments

kilocalthPerMin	kilocalorieth per minute (kcalth/min)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkilocalthPerMinTOwatt(10)
```

NISTkilocalthPerSecTOwatt *Convert kilocalorieth per second to watt*

Description

NISTkilocalthPerSecTOwatt converts from kilocalorieth per second (kcalth/s) to watt (W)

Usage

```
NISTkilocalthPerSecTOwatt(kilocalthPerSec)
```

Arguments

kilocalthPerSec	kilocalorieth per second (kcalth/s)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkilocalthPerSecTOwatt(10)
```

NISTkilocalthTOjoule *Convert kilocalorieth to joule*

Description

NISTkilocalthTOjoule converts from kilocalorieth (kcalth) to joule (J)

Usage

```
NISTkilocalthTOjoule(kilocalth)
```

Arguments

kilocalth	kilocalorieth (kcalth)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkilocalthTOjoule(10)
```

NISTkilocalTOjoule *Convert kilocalorie to joule*

Description

NISTkilocalTOjoule converts from kilocalorie (mean) (kcal) to joule (J)

Usage

```
NISTkilocalTOjoule(kilocal)
```

Arguments

kilocal	kilocalorie (mean) (kcal)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkilocalTOjoule(10)
```

NISTkilonewtonTOkip *Convert kilonewton to kip*

Description

NISTkilonewtonTOkip converts from kilonewton (kN) to kip (1 kip= 1000 lbf)

Usage

```
NISTkilonewtonTOkip(kilonewton)
```

Arguments

kilonewton	kilonewton (kN)

Value

kip (1 kip= 1000 lbf)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkilonewtonTOkip(10)
```

NISTkilonewtonTOtonForce *Convert kilonewton to ton-force*

Description

NISTkilonewtonTOtonForce converts from kilonewton (kN) to ton-force (2000 lbf)

Usage

```
NISTkilonewtonTOtonForce(kilonewton)
```

Arguments

kilonewton	kilonewton (kN)

Value

ton-force (2000 lbf)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkilonewtonTOtonForce(10)
```

`NISTkilopondTOnewton` *Convert kilopond to newton*

Description

`NISTkilopondTOnewton` converts from kilopond (kilogram-force) (kp) to newton (N)

Usage

```
NISTkilopondTOnewton(kilopond)
```

Arguments

`kilopond`	kilopond (kilogram-force) (kp)

Value

newton (N)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkilopondTOnewton(10)
```

NISTkilowattHourTOjoule *Convert kilowatt hour to joule*

Description

NISTkilowattHourTOjoule converts from kilowatt hour (kW * h) to joule (J)

Usage

```
NISTkilowattHourTOjoule(kilowattHour)
```

Arguments

kilowattHour	kilowatt hour (kW * h)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkilowattHourTOjoule(10)
```

NISTkilowattHourTOmegajoule *Convert kilowatt hour to megajoule*

Description

NISTkilowattHourTOmegajoule converts from kilowatt hour (kW * h) to megajoule (MJ)

Usage

```
NISTkilowattHourTOmegajoule(kilowattHour)
```

Arguments

kilowattHour	kilowatt hour (kW * h)

Value

megajoule (MJ)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkilowattHourTOmegajoule(10)
```

NISTkipPerSqrInchTOkpascal
Convert kip per square inch to kilopascal

Description

NISTkipPerSqrInchTOkpascal converts from kip per square inch (ksi) (kip/in2) to kilopascal (kPa)

Usage

```
NISTkipPerSqrInchTOkpascal(kipPerSqrInch)
```

Arguments

kipPerSqrInch	kip per square inch (ksi) (kip/in2)

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkipPerSqrInchTOkpascal(10)
```

NISTkipPerSqrInchTOpascal *Convert kip per square inch to pascal*

Description

NISTkipPerSqrInchTOpascal converts from kip per square inch (ksi) (kip/in2) to pascal (Pa)

Usage

```
NISTkipPerSqrInchTOpascal(kipPerSqrInch)
```

Arguments

kipPerSqrInch	kip per square inch (ksi) (kip/in2)

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkipPerSqrInchTOpascal(10)
```

NISTkipTOkilonewton *Convert kip to kilonewton*

Description

NISTkipTOkilonewton converts from kip (1 kip= 1000 lbf) to kilonewton (kN)

Usage

```
NISTkipTOkilonewton(kip)
```

Arguments

kip	kip (1 kip= 1000 lbf)

Value

kilonewton (kN)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkipTOkilonewton(10)
```

NISTkipTOnewton *Convert kip to newton*

Description

NISTkipTOnewton converts from kip (1 kip= 1000 lbf) to newton (N)

Usage

```
NISTkipTOnewton(kip)
```

Arguments

kip	kip (1 kip= 1000 lbf)

Value

newton (N)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkipTOnewton(10)
```

NISTkmPerHourTOmeterPerSec
Convert kilometer per hour to meter per second

Description

NISTkmPerHourTOmeterPerSec converts from kilometer per hour (km/h) to meter per second (m/s)

Usage

```
NISTkmPerHourTOmeterPerSec(kmPerHour)
```

Arguments

kmPerHour	kilometer per hour (km/h)

Value

meter per second (m/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkmPerHourTOmeterPerSec(10)
```

NISTkmPerHourTOmilePerHour *Convert kilometer per hour to mile per hour*

Description

NISTkmPerHourTOmilePerHour converts from kilometer per hour (km/h) to mile per hour (mi/h)

Usage

```
NISTkmPerHourTOmilePerHour(kmPerHour)
```

Arguments

kmPerHour	kilometer per hour (km/h)

Value

mile per hour (mi/h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkmPerHourTOmilePerHour(10)
```

NISTkmPerLiterTOmilePerGallon
Convert kilometer per liter to mile per gallon

Description

NISTkmPerLiterTOmilePerGallon converts from kilometer per liter (km/L) to mile per gallon (U.S.) (mpg) (mi/gal)

Usage

```
NISTkmPerLiterTOmilePerGallon(kmPerLiter)
```

Arguments

kmPerLiter	kilometer per liter (km/L)

Value

mile per gallon (U.S.) (mpg) (mi/gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkmPerLiterTOmilePerGallon(10)
```

NISTkmTOmile *Convert kilometer to mile*

Description

NISTkmTOmile converts from kilometer (km) to mile (mi)

Usage

```
NISTkmTOmile(km)
```

Arguments

km	kilometer (km)

Value

mile (mi)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkmTOmile(10)
```

NISTkmTOmileUSsurvey *Convert kilometer to mile 7*

Description

NISTkmTOmileUSsurvey converts from kilometer (km) to mile (based on U.S. survey foot) (mi) 7

Usage

```
NISTkmTOmileUSsurvey(km)
```

Arguments

km	kilometer (km)

Value

mile (based on U.S. survey foot) (mi) 7

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTkmTOmileUSsurvey(10)
```

NISTknotTOmeterPerSec *Convert knot to meter per second*

Description

NISTknotTOmeterPerSec converts from knot (nautical mile per hour) to meter per second (m/s)

Usage

```
NISTknotTOmeterPerSec(knot)
```

Arguments

knot	knot (nautical mile per hour)

Value

meter per second (m/s)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTknotTOmeterPerSec(10)
```

NISTkpascalTOatmosphereStd *Convert kilopascal to atmosphere, standard*

Description

NISTkpascalTOatmosphereStd converts from kilopascal (kPa) to atmosphere, standard (atm)

Usage

```
NISTkpascalTOatmosphereStd(kpascal)
```

Arguments

kpascal	kilopascal (kPa)

Value

atmosphere, standard (atm)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTkpascalTOatmosphereStd(10)
```

NISTkpascalTOatmosphereTechnical
Convert kilopascal to atmosphere, technical 8

Description

NISTkpascalTOatmosphereTechnical converts from kilopascal (kPa) to atmosphere, technical (at) 8

Usage

```
NISTkpascalTOatmosphereTechnical(kpascal)
```

Arguments

kpascal	kilopascal (kPa)

Value

atmosphere, technical (at) 8

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkpascalTOatmosphereTechnical(10)
```

NISTkpascalTObar *Convert kilopascal to bar*

Description

NISTkpascalTObar converts from kilopascal (kPa) to bar (bar)

Usage

```
NISTkpascalTObar(kpascal)
```

Arguments

kpascal	kilopascal (kPa)

Value

bar (bar)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTkpascalTObar(10)
```

NISTkpascalTOcmOfMercury *Convert kilopascal to centimeter of mercury 12*

Description

NISTkpascalTOcmOfMercury converts from kilopascal (kPa) to centimeter of mercury (0 C) 12

Usage

```
NISTkpascalTOcmOfMercury(kpascal)
```

Arguments

kpascal	kilopascal (kPa)

Value

centimeter of mercury (0 C) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTkpascalTOcmOfMercury(10)
```

NISTkpascalTOcmOfMercuryConvtnl
Convert kilopascal to centimeter of mercury, conventional 12

Description

NISTkpascalTOcmOfMercuryConvtnl converts from kilopascal (kPa) to centimeter of mercury, conventional (cmHg) 12

Usage

```
NISTkpascalTOcmOfMercuryConvtnl(kpascal)
```

Arguments

kpascal	kilopascal (kPa)

Value

centimeter of mercury, conventional (cmHg) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

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Examples

```
NISTkpascalTOcmOfMercuryConvtnl(10)
```

NISTkpascalTOftOfMercuryConvtnl *Convert kilopascal to foot of mercury, conventional 12*

Description

NISTkpascalTOftOfMercuryConvtnl converts from kilopascal (kPa) to foot of mercury, conventional (ftHg) 12

Usage

```
NISTkpascalTOftOfMercuryConvtnl(kpascal)
```

Arguments

kpascal	kilopascal (kPa)

Value

foot of mercury, conventional (ftHg) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTkpascalTOftOfMercuryConvtnl(10)
```

NISTkpascalTOftOfWater

Convert kilopascal to foot of water 12

Description

NISTkpascalTOftOfWater converts from kilopascal (kPa) to foot of water (39.2 F) 12

Usage

```
NISTkpascalTOftOfWater(kpascal)
```

Arguments

kpascal	kilopascal (kPa)

Value

foot of water (39.2 F) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

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Examples

```
NISTkpascalTOftOfWater(10)
```

NISTkpascalTOftOfWaterConvtnl *Convert kilopascal to foot of water, conventional 12*

Description

NISTkpascalTOftOfWaterConvtnl converts from kilopascal (kPa) to foot of water, conventional (ftH2O) 12

Usage

```
NISTkpascalTOftOfWaterConvtnl(kpascal)
```

Arguments

kpascal	kilopascal (kPa)

Value

foot of water, conventional (ftH2O) 12

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

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Examples

```
NISTkpascalTOftOfWaterConvtnl(10)
```

NISTkpascalTOinchOfMercury32F
Convert kilopascal to inch of mercury 12

Description

NISTkpascalTOinchOfMercury32F converts from kilopascal (kPa) to inch of mercury (32 F) 12

Usage

```
NISTkpascalTOinchOfMercury32F(kpascal)
```

Arguments

kpascal	kilopascal (kPa)

Value

inch of mercury (32 F) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTkpascalTOinchOfMercury32F(10)
```

NISTkpascalTOinchOfMercury60F
Convert kilopascal to inch of mercury 12

Description

NISTkpascalTOinchOfMercury60F converts from kilopascal (kPa) to inch of mercury (60 F) 12

Usage

```
NISTkpascalTOinchOfMercury60F(kpascal)
```

Arguments

kpascal	kilopascal (kPa)

Value

inch of mercury (60 F) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTkpascalTOinchOfMercury60F(10)
```

NISTkpascalTOinchOfMercuryConvtnl
Convert kilopascal to inch of mercury, conventional 12

Description

NISTkpascalTOinchOfMercuryConvtnl converts from kilopascal (kPa) to inch of mercury, conventional (inHg) 12

Usage

```
NISTkpascalTOinchOfMercuryConvtnl(kpascal)
```

Arguments

kpascal	kilopascal (kPa)

Value

inch of mercury, conventional (inHg) 12

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTkpascalTOinchOfMercuryConvtnl(10)
```

NISTkpascalTOkgForcePerSqrCm *Convert kilopascal to kilogram-force per square centimeter*

Description

NISTkpascalTOkgForcePerSqrCm converts from kilopascal (kPa) to kilogram-force per square centimeter (kgf/cm2)

Usage

```
NISTkpascalTOkgForcePerSqrCm(kpascal)
```

Arguments

kpascal	kilopascal (kPa)

Value

kilogram-force per square centimeter (kgf/cm2)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

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Examples

```
NISTkpascalTOkgForcePerSqrCm(10)
```

NISTkpascalTOkipPerSqrInch
Convert kilopascal to kip per square inch

Description

NISTkpascalTOkipPerSqrInch converts from kilopascal (kPa) to kip per square inch (ksi) (kip/in2)

Usage

```
NISTkpascalTOkipPerSqrInch(kpascal)
```

Arguments

kpascal	kilopascal (kPa)

Value

kip per square inch (ksi) (kip/in2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTkpascalTOkipPerSqrInch(10)
```

NISTkpascalTOmillibar *Convert kilopascal to millibar*

Description

NISTkpascalTOmillibar converts from kilopascal (kPa) to millibar (mbar)

Usage

```
NISTkpascalTOmillibar(kpascal)
```

Arguments

kpascal	kilopascal (kPa)

Value

millibar (mbar)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTkpascalTOmillibar(10)
```

NISTkpascalTOpoundForcePerSqrInch
Convert kilopascal to pound-force per square inch

Description

NISTkpascalTOpoundForcePerSqrInch converts from kilopascal (kPa) to pound-force per square inch (psi) (lbf/in2)

Usage

```
NISTkpascalTOpoundForcePerSqrInch(kpascal)
```

Arguments

kpascal	kilopascal (kPa)

Value

pound-force per square inch (psi) (lbf/in2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTkpascalTOpoundForcePerSqrInch(10)
```

NISTkpascalTOpsi *Convert kilopascal to psi*

Description

NISTkpascalTOpsi converts from kilopascal (kPa) to psi (pound-force per square inch) (lbf/in2)

Usage

```
NISTkpascalTOpsi(kpascal)
```

Arguments

kpascal	kilopascal (kPa)

Value

psi (pound-force per square inch) (lbf/in2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTkpascalTOpsi(10)
```

NISTkPerWattTOdegFHourPerUkThUnIT *Convert kelvin per watt to degree Fahrenheit hour per British thermal unitIT*

Description

NISTkPerWattTOdegFHourPerUkThUnIT converts from kelvin per watt (K/W) to degree Fahrenheit hour per British thermal unitIT (F * h/BtuIT)

Usage

```
NISTkPerWattTOdegFHourPerUkThUnIT(kPerWatt)
```

Arguments

kPerWatt	kelvin per watt (K/W)

Value

degree Fahrenheit hour per British thermal unitIT (F * h/BtuIT)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTkPerWattTOdegFHourPerUkThUnIT(10)
```

NISTkPerWattTOdegFHourPerUkThUnth *Convert kelvin per watt to degree Fahrenheit hour per British thermal unitth*

Description

NISTkPerWattTOdegFHourPerUkThUnth converts from kelvin per watt (K/W) to degree Fahrenheit hour per British thermal unitth (F * h/Btuth)

Usage

```
NISTkPerWattTOdegFHourPerUkThUnth(kPerWatt)
```

Arguments

kPerWatt	kelvin per watt (K/W)

Value

degree Fahrenheit hour per British thermal unitth (F * h/Btuth)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

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Examples

```
NISTkPerWattTOdegFHourPerUkThUnth(10)
```

NISTkPerWattTOdegFSecPerUkThUnIT *Convert kelvin per watt to degree Fahrenheit second per British thermal unitIT*

Description

NISTkPerWattTOdegFSecPerUkThUnIT converts from kelvin per watt (K/W) to degree Fahrenheit second per British thermal unitIT (F * s/BtuIT)

Usage

```
NISTkPerWattTOdegFSecPerUkThUnIT(kPerWatt)
```

Arguments

kPerWatt	kelvin per watt (K/W)

Value

degree Fahrenheit second per British thermal unitIT (F * s/BtuIT)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

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Examples

```
NISTkPerWattTOdegFSecPerUkThUnIT(10)
```

NISTkPerWattTOdegFSecPerUkThUnth *Convert kelvin per watt to degree Fahrenheit second per British thermal unitth*

Description

NISTkPerWattTOdegFSecPerUkThUnth converts from kelvin per watt (K/W) to degree Fahrenheit second per British thermal unitth (F * s/Btuth)

Usage

```
NISTkPerWattTOdegFSecPerUkThUnth(kPerWatt)
```

Arguments

kPerWatt	kelvin per watt (K/W)

Value

degree Fahrenheit second per British thermal unitth (F * s/Btuth)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTkPerWattTOdegFSecPerUkThUnth(10)
```

NISTkTOdegC *Convert kelvin to degree Celsius*

Description

NISTkTOdegC converts from kelvin (K) to degree Celsius (temperature interval) (C)

Usage

```
NISTkTOdegC(k)
```

Arguments

k	kelvin (K)

Value

degree Celsius (temperature interval) (C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkTOdegC(10)
```

`NISTkTOdegCinterval` *Convert kelvin temperature interval to degree Celsius*

Description

`NISTkTOdegCinterval` converts from kelvin (K) to degree Celsius (temperature interval) (C)

Usage

```
NISTkTOdegCinterval(k)
```

Arguments

k	kelvin (K)

Value

degree Celsius (temperature interval) (C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkTOdegCinterval(10)
```

NISTkTOdegF *Convert kelvin to degree Fahrenheit*

Description

NISTkTOdegF converts from kelvin (K) to degree Fahrenheit (temperature interval) (F)

Usage

```
NISTkTOdegF(k)
```

Arguments

k	kelvin (K)

Value

degree Fahrenheit (temperature interval) (F)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkTOdegF(10)
```

`NISTkTOdegFinterval` *Convert kelvin temperature interval to degree Fahrenheit*

Description

`NISTkTOdegFinterval` converts from kelvin (K) to degree Fahrenheit (temperature interval) (F)

Usage

```
NISTkTOdegFinterval(k)
```

Arguments

k	kelvin (K)

Value

degree Fahrenheit (temperature interval) (F)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTkTOdegFinterval(10)
```

NISTkTOdegRankine *Convert kelvin to degree Rankine*

Description

NISTkTOdegRankine converts from kelvin (K) to degree Rankine (temperature interval) (R)

Usage

```
NISTkTOdegRankine(k)
```

Arguments

k	kelvin (K)

Value

degree Rankine (temperature interval) (R)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTkTOdegRankine(10)
```

NISTkTOdegRankineInterval *Convert kelvin temperature interval to degree Rankine*

Description

NISTkTOdegRankineInterval converts from kelvin (K) to degree Rankine (temperature interval) (R)

Usage

```
NISTkTOdegRankineInterval(k)
```

Arguments

k	kelvin (K)

Value

degree Rankine (temperature interval) (R)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

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Examples

```
NISTkTOdegRankineInterval(10)
```

NISTlambertTOcandelaPerSqrMeter
Convert lambert 17 to candela per square meter

Description

NISTlambertTOcandelaPerSqrMeter converts from lambert 17 to candela per square meter (cd/m2)

Usage

```
NISTlambertTOcandelaPerSqrMeter(lambert)
```

Arguments

lambert	lambert 17

Value

candela per square meter (cd/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTlambertTOcandelaPerSqrMeter(10)
```

NISTlangleyTOjoulePerSqrMeter *Convert langley to joule per square meter*

Description

NISTlangleyTOjoulePerSqrMeter converts from langley (calth/cm2) to joule per square meter (J/m2)

Usage

```
NISTlangleyTOjoulePerSqrMeter(langley)
```

Arguments

langley	langley (calth/cm2)

Value

joule per square meter (J/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTlangleyTOjoulePerSqrMeter(10)
```

`NISTlightYearTOmeter` *Convert light year 18 to meter*

Description

`NISTlightYearTOmeter` converts from light year (l.y.) 18 to meter (m)

Usage

```
NISTlightYearTOmeter(lightYear)
```

Arguments

`lightYear`	light year (l.y.) 18

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTlightYearTOmeter(10)
```

`NISTliterPer100KmTOmilePerGallon`
Convert liter per 100 kilometer to mile per gallon 21

Description

`NISTliterPer100KmTOmilePerGallon` converts from liter per 100 kilometer (L/100 km) to mile per gallon (U.S.) (mpg) (mi/gal) 21

Usage

```
NISTliterPer100KmTOmilePerGallon(literPer100Km)
```

Arguments

`literPer100Km`	liter per 100 kilometer (L/100 km)

Value

mile per gallon (U.S.) (mpg) (mi/gal) 21

Author(s)

Jose Gama

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References

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Examples

```
NISTliterPer100KmTOmilePerGallon(10)
```

NISTliterPerJouleTOgallonPerHorsepowerHour
Convert liter per joule to gallon per horsepower hour

Description

NISTliterPerJouleTOgallonPerHorsepowerHour converts from liter per joule (L/J) to gallon (U.S.) per horsepower hour [gal/(hp * h)]

Usage

```
NISTliterPerJouleTOgallonPerHorsepowerHour(literPerJoule)
```

Arguments

literPerJoule	liter per joule (L/J)

Value

gallon (U.S.) per horsepower hour [gal/(hp * h)]

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTliterPerJouleTOgallonPerHorsepowerHour(10)
```

`NISTliterPerSecTOcubFtPerMin`
Convert liter per second to cubic foot per minute

Description

`NISTliterPerSecTOcubFtPerMin` converts from liter per second (L/s) to cubic foot per minute (ft3/min)

Usage

```
NISTliterPerSecTOcubFtPerMin(literPerSec)
```

Arguments

`literPerSec`	liter per second (L/s)

Value

cubic foot per minute (ft3/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTliterPerSecTOcubFtPerMin(10)
```

NISTliterPerSecTOgallonPerDay
Convert liter per second to gallon per day

Description

NISTliterPerSecTOgallonPerDay converts from liter per second (L/s) to gallon (U.S.) per day (gal/d)

Usage

```
NISTliterPerSecTOgallonPerDay(literPerSec)
```

Arguments

literPerSec	liter per second (L/s)

Value

gallon (U.S.) per day (gal/d)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTliterPerSecTOgallonPerDay(10)
```

`NISTliterPerSecTOgallonPerMin`
Convert liter per second to gallon per minute

Description

`NISTliterPerSecTOgallonPerMin` converts from liter per second (L/s) to gallon (U.S.) per minute (gpm) (gal/min)

Usage

```
NISTliterPerSecTOgallonPerMin(literPerSec)
```

Arguments

`literPerSec`	liter per second (L/s)

Value

gallon (U.S.) per minute (gpm) (gal/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTliterPerSecTOgallonPerMin(10)
```

NISTliterTObarrel *Convert liter to barrel*

Description

NISTliterTObarrel converts from liter (L) to barrel [for petroleum, 42 gallons (U.S.)] (bbl)

Usage

```
NISTliterTObarrel(liter)
```

Arguments

liter	liter (L)

Value

barrel [for petroleum, 42 gallons (U.S.)] (bbl)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTliterTObarrel(10)
```

`NISTliterTObushel` *Convert liter to bushel*

Description

`NISTliterTObushel` converts from liter (L) to bushel (U.S.) (bu)

Usage

```
NISTliterTObushel(liter)
```

Arguments

`liter`	liter (L)

Value

bushel (U.S.) (bu)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTliterTObushel(10)
```

NISTliterTOcubMeter *Convert liter 19 to cubic meter*

Description

NISTliterTOcubMeter converts from liter (L) 19 to cubic meter (m3)

Usage

```
NISTliterTOcubMeter(liter)
```

Arguments

liter	liter (L) 19

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTliterTOcubMeter(10)
```

NISTliterTOcup *Convert liter to cup*

Description

NISTliterTOcup converts from liter (L) to cup (U.S.)

Usage

```
NISTliterTOcup(liter)
```

Arguments

liter	liter (L)

Value

cup (U.S.)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTliterTOcup(10)
```

`NISTliterTOgallon` *Convert liter to gallon*

Description

`NISTliterTOgallon` converts from liter (L) to gallon (U.S.) (gal)

Usage

```
NISTliterTOgallon(liter)
```

Arguments

`liter`	liter (L)

Value

gallon (U.S.) (gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTliterTOgallon(10)
```

NISTliterTOgallonImperial *Convert liter to gallon*

Description

NISTliterTOgallonImperial converts from liter (L) to gallon [Canadian and U.K. (Imperial)] (gal)

Usage

```
NISTliterTOgallonImperial(liter)
```

Arguments

liter	liter (L)

Value

gallon [Canadian and U.K. (Imperial)] (gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTliterTOgallonImperial(10)
```

NISTliterTOgill *Convert liter to gill*

Description

NISTliterTOgill converts from liter (L) to gill (U.S.) (gi)

Usage

```
NISTliterTOgill(liter)
```

Arguments

liter	liter (L)

Value

gill (U.S.) (gi)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTliterTOgill(10)
```

`NISTliterTOgillImperial` *Convert liter to gill*

Description

`NISTliterTOgillImperial` converts from liter (L) to gill [Canadian and U.K. (Imperial)] (gi)

Usage

```
NISTliterTOgillImperial(liter)
```

Arguments

`liter`	liter (L)

Value

gill [Canadian and U.K. (Imperial)] (gi)

Author(s)

Jose Gama

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References

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Examples

```
NISTliterTOgillImperial(10)
```

NISTliterTOpeck *Convert liter to peck*

Description

NISTliterTOpeck converts from liter (L) to peck (U.S.) (pk)

Usage

```
NISTliterTOpeck(liter)
```

Arguments

liter	liter (L)

Value

peck (U.S.) (pk)

Author(s)

Jose Gama

Source

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References

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Examples

```
NISTliterTOpeck(10)
```

`NISTliterTOpintUSdry` *Convert liter to pint*

Description

`NISTliterTOpintUSdry` converts from liter (L) to pint (U.S. dry) (dry pt)

Usage

```
NISTliterTOpintUSdry(liter)
```

Arguments

`liter`	liter (L)

Value

pint (U.S. dry) (dry pt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTliterTOpintUSdry(10)
```

NISTliterTOpintUSliquid *Convert liter to pint*

Description

NISTliterTOpintUSliquid converts from liter (L) to pint (U.S. liquid) (liq pt)

Usage

```
NISTliterTOpintUSliquid(liter)
```

Arguments

liter	liter (L)

Value

pint (U.S. liquid) (liq pt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTliterTOpintUSliquid(10)
```

`NISTliterTOquartUSdry` *Convert liter to quart*

Description

`NISTliterTOquartUSdry` converts from liter (L) to quart (U.S. dry) (dry qt)

Usage

```
NISTliterTOquartUSdry(liter)
```

Arguments

`liter`	liter (L)

Value

quart (U.S. dry) (dry qt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTliterTOquartUSdry(10)
```

NISTliterTOquartUSliquid *Convert liter to quart*

Description

NISTliterTOquartUSliquid converts from liter (L) to quart (U.S. liquid) (liq qt)

Usage

```
NISTliterTOquartUSliquid(liter)
```

Arguments

liter	liter (L)

Value

quart (U.S. liquid) (liq qt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTliterTOquartUSliquid(10)
```

NISTlumenPerSqrFtTOlux

Convert lumen per square foot to lux

Description

NISTlumenPerSqrFtTOlux converts from lumen per square foot (lm/ft2) to lux (lx)

Usage

```
NISTlumenPerSqrFtTOlux(lumenPerSqrFt)
```

Arguments

lumenPerSqrFt	lumen per square foot (lm/ft2)

Value

lux (lx)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTlumenPerSqrFtTOlux(10)
```

NISTluxTOftcandle *Convert lux to footcandle*

Description

NISTluxTOftcandle converts from lux (lx) to footcandle

Usage

```
NISTluxTOftcandle(lux)
```

Arguments

lux	lux (lx)

Value

footcandle

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTluxTOftcandle(10)
```

NISTluxTOlumenPerSqrFt

Convert lux to lumen per square foot

Description

NISTluxTOlumenPerSqrFt converts from lux (lx) to lumen per square foot (lm/ft2)

Usage

```
NISTluxTOlumenPerSqrFt(lux)
```

Arguments

lux	lux (lx)

Value

lumen per square foot (lm/ft2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTluxTOlumenPerSqrFt(10)
```

NISTluxTOphot *Convert lux to phot*

Description

NISTluxTOphot converts from lux (lx) to phot (ph)

Usage

```
NISTluxTOphot(lux)
```

Arguments

lux	lux (lx)

Value

phot (ph)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTluxTOphot(10)
```

`NISTmaxwellTOweber` *Convert maxwell to weber*

Description

`NISTmaxwellTOweber` converts from maxwell (Mx) to weber (Wb)

Usage

```
NISTmaxwellTOweber(maxwell)
```

Arguments

`maxwell`	maxwell (Mx)

Value

weber (Wb)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmaxwellTOweber(10)
```

NISTmegajouleTOkilowattHour *Convert megajoule to kilowatt hour*

Description

NISTmegajouleTOkilowattHour converts from megajoule (MJ) to kilowatt hour (kW * h)

Usage

```
NISTmegajouleTOkilowattHour(megajoule)
```

Arguments

megajoule	megajoule (MJ)

Value

kilowatt hour (kW * h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmegajouleTOkilowattHour(10)
```

`NISTmeter4thPowerTOft4thPower` *Convert meter to the fourth power to foot to the fourth power 16*

Description

`NISTmeter4thPowerTOft4thPower` converts from meter to the fourth power (m4) to foot to the fourth power (ft4) 16

Usage

```
NISTmeter4thPowerTOft4thPower(meter4thPower)
```

Arguments

`meter4thPower`	meter to the fourth power (m4)

Value

foot to the fourth power (ft4) 16

Author(s)

Jose Gama

Source

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References

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Examples

```
NISTmeter4thPowerTOft4thPower(10)
```

NISTmeter4thPowerTOinch4thPower
Convert meter to the fourth power to inch to the fourth power 16

Description

NISTmeter4thPowerTOinch4thPower converts from meter to the fourth power (m4) to inch to the fourth power (in4) 16

Usage

```
NISTmeter4thPowerTOinch4thPower(meter4thPower)
```

Arguments

meter4thPower	meter to the fourth power (m4)

Value

inch to the fourth power (in4) 16

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTmeter4thPowerTOinch4thPower(10)
```

NISTmeterKPerWattTOdegFHourSqrFtPerUkThUnITInch
Convert meter kelvin per watt to degree Fahrenheit hour square foot per British thermal unitIT inch

Description

NISTmeterKPerWattTOdegFHourSqrFtPerUkThUnITInch converts from meter kelvin per watt (m * K/W) to degree Fahrenheit hour square foot per British thermal unitIT inch [F * h * ft2/(BtuIT * in)]

Usage

```
NISTmeterKPerWattTOdegFHourSqrFtPerUkThUnITInch(meterKPerWatt)
```

Arguments

meterKPerWatt	meter kelvin per watt (m * K/W)

Value

degree Fahrenheit hour square foot per British thermal unitIT inch [F * h * ft2/(BtuIT * in)]

Author(s)

Jose Gama

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Examples

```
NISTmeterKPerWattTOdegFHourSqrFtPerUkThUnITInch(10)
```

NISTmeterKPerWattTOdegFHourSqrFtPerUkThUnthInch
Convert meter kelvin per watt to degree Fahrenheit hour square foot per British thermal unitth inch

Description

NISTmeterKPerWattTOdegFHourSqrFtPerUkThUnthInch converts from meter kelvin per watt (m * K/W) to degree Fahrenheit hour square foot per British thermal unitth inch [F * h * ft2/(Btuth * in)]

Usage

```
NISTmeterKPerWattTOdegFHourSqrFtPerUkThUnthInch(meterKPerWatt)
```

Arguments

meterKPerWatt	meter kelvin per watt (m * K/W)

Value

degree Fahrenheit hour square foot per British thermal unitth inch [F * h * ft2/(Btuth * in)]

Author(s)

Jose Gama

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References

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Examples

```
NISTmeterKPerWattTOdegFHourSqrFtPerUkThUnthInch(10)
```

NISTmeterPerCubMeterTOmilePerGallon
Convert meter per cubic meter to mile per gallon

Description

NISTmeterPerCubMeterTOmilePerGallon converts from meter per cubic meter (m/m3) to mile per gallon (U.S.) (mpg) (mi/gal)

Usage

```
NISTmeterPerCubMeterTOmilePerGallon(meterPerCubMeter)
```

Arguments

meterPerCubMeter
meter per cubic meter (m/m3)

Value

mile per gallon (U.S.) (mpg) (mi/gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTmeterPerCubMeterTOmilePerGallon(10)
```

NISTmeterPerSecSqrdTOaccelOfFreeFallStd
Convert meter per second squared to acceleration of free fall, standard

Description

NISTmeterPerSecSqrdTOaccelOfFreeFallStd converts from meter per second squared (m / s2) to acceleration of free fall, standard (gn)

Usage

```
NISTmeterPerSecSqrdTOaccelOfFreeFallStd(meterPerSecSqrd)
```

Arguments

meterPerSecSqrd	meter per second squared (m / s2)

Value

acceleration of free fall, standard (gn)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterPerSecSqrdTOaccelOfFreeFallStd(10)
```

NISTmeterPerSecSqrdTOftPerSecSqrd
Convert meter per second squared to foot per second squared

Description

NISTmeterPerSecSqrdTOftPerSecSqrd converts from meter per second squared (m/s2) to foot per second squared (ft/s2)

Usage

```
NISTmeterPerSecSqrdTOftPerSecSqrd(meterPerSecSqrd)
```

Arguments

meterPerSecSqrd
meter per second squared (m/s2)

Value

foot per second squared (ft/s2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterPerSecSqrdTOftPerSecSqrd(10)
```

NISTmeterPerSecSqrdTOgal *Convert meter per second squared to gal*

Description

NISTmeterPerSecSqrdTOgal converts from meter per second squared (m/s2) to gal (Gal)

Usage

```
NISTmeterPerSecSqrdTOgal(meterPerSecSqrd)
```

Arguments

meterPerSecSqrd	meter per second squared (m/s2)

Value

gal (Gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterPerSecSqrdTOgal(10)
```

NISTmeterPerSecSqrdTOinchPerSecSqrd
Convert meter per second squared to inch per second squared

Description

NISTmeterPerSecSqrdTOinchPerSecSqrd converts from meter per second squared (m/s2) to inch per second squared (in/s2)

Usage

```
NISTmeterPerSecSqrdTOinchPerSecSqrd(meterPerSecSqrd)
```

Arguments

meterPerSecSqrd	meter per second squared (m/s2)

Value

inch per second squared (in/s2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterPerSecSqrdTOinchPerSecSqrd(10)
```

NISTmeterPerSecTOftPerHour
Convert meter per second to foot per hour

Description

NISTmeterPerSecTOftPerHour converts from meter per second (m/s) to foot per hour (ft/h)

Usage

```
NISTmeterPerSecTOftPerHour(meterPerSec)
```

Arguments

meterPerSec	meter per second (m/s)

Value

foot per hour (ft/h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterPerSecTOftPerHour(10)
```

NISTmeterPerSecTOftPerMin *Convert meter per second to foot per minute*

Description

NISTmeterPerSecTOftPerMin converts from meter per second (m/s) to foot per minute (ft/min)

Usage

```
NISTmeterPerSecTOftPerMin(meterPerSec)
```

Arguments

meterPerSec	meter per second (m/s)

Value

foot per minute (ft/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterPerSecTOftPerMin(10)
```

NISTmeterPerSecTOftPerSec *Convert meter per second to foot per second*

Description

NISTmeterPerSecTOftPerSec converts from meter per second (m/s) to foot per second (ft/s)

Usage

```
NISTmeterPerSecTOftPerSec(meterPerSec)
```

Arguments

meterPerSec	meter per second (m/s)

Value

foot per second (ft/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterPerSecTOftPerSec(10)
```

NISTmeterPerSecTOinchPerSec

Convert meter per second to inch per second

Description

NISTmeterPerSecTOinchPerSec converts from meter per second (m/s) to inch per second (in/s)

Usage

```
NISTmeterPerSecTOinchPerSec(meterPerSec)
```

Arguments

meterPerSec	meter per second (m/s)

Value

inch per second (in/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterPerSecTOinchPerSec(10)
```

NISTmeterPerSecTOkmPerHour *Convert meter per second to kilometer per hour*

Description

NISTmeterPerSecTOkmPerHour converts from meter per second (m/s) to kilometer per hour (km/h)

Usage

```
NISTmeterPerSecTOkmPerHour(meterPerSec)
```

Arguments

meterPerSec	meter per second (m/s)

Value

kilometer per hour (km/h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterPerSecTOkmPerHour(10)
```

`NISTmeterPerSecTOknot` *Convert meter per second to knot*

Description

`NISTmeterPerSecTOknot` converts from meter per second (m/s) to knot (nautical mile per hour)

Usage

```
NISTmeterPerSecTOknot(meterPerSec)
```

Arguments

`meterPerSec`	meter per second (m/s)

Value

knot (nautical mile per hour)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterPerSecTOknot(10)
```

NISTmeterPerSecTOmilePerHour
Convert meter per second to mile per hour

Description

NISTmeterPerSecTOmilePerHour converts from meter per second (m/s) to mile per hour (mi/h)

Usage

```
NISTmeterPerSecTOmilePerHour(meterPerSec)
```

Arguments

meterPerSec	meter per second (m/s)

Value

mile per hour (mi/h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterPerSecTOmilePerHour(10)
```

`NISTmeterPerSecTOmilePerMin`
Convert meter per second to mile per minute

Description

`NISTmeterPerSecTOmilePerMin` converts from meter per second (m/s) to mile per minute (mi/min)

Usage

```
NISTmeterPerSecTOmilePerMin(meterPerSec)
```

Arguments

`meterPerSec`	meter per second (m/s)

Value

mile per minute (mi/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterPerSecTOmilePerMin(10)
```

NISTmeterPerSecTOmilePerSec
Convert meter per second to mile per second

Description

NISTmeterPerSecTOmilePerSec converts from meter per second (m/s) to mile per second (mi/s)

Usage

```
NISTmeterPerSecTOmilePerSec(meterPerSec)
```

Arguments

meterPerSec	meter per second (m/s)

Value

mile per second (mi/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterPerSecTOmilePerSec(10)
```

NISTmeterSqrdPerSecTOcentistokes *Convert meter squared per second to centistokes*

Description

NISTmeterSqrdPerSecTOcentistokes converts from meter squared per second (m2/s) to centistokes (cSt)

Usage

```
NISTmeterSqrdPerSecTOcentistokes(meterSqrdPerSec)
```

Arguments

meterSqrdPerSec	meter squared per second (m2/s)

Value

centistokes (cSt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterSqrdPerSecTOcentistokes(10)
```

NISTmeterSqrdPerSecTOstokes
Convert meter squared per second to stokes

Description

NISTmeterSqrdPerSecTOstokes converts from meter squared per second (m2/s) to stokes (St)

Usage

```
NISTmeterSqrdPerSecTOstokes(meterSqrdPerSec)
```

Arguments

meterSqrdPerSec	meter squared per second (m2/s)

Value

stokes (St)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterSqrdPerSecTOstokes(10)
```

NISTmeterSqrdTOdarcy *Convert meter squared to darcy 14*

Description

NISTmeterSqrdTOdarcy converts from meter squared (m2) to darcy 14

Usage

```
NISTmeterSqrdTOdarcy(meterSqrd)
```

Arguments

meterSqrd	meter squared (m2)

Value

darcy 14

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterSqrdTOdarcy(10)
```

NISTmeterTOangstrom *Convert meter to angstrom*

Description

NISTmeterTOangstrom converts from meter (m) to angstrom (a)

Usage

```
NISTmeterTOangstrom(meter)
```

Arguments

meter	meter (m)

Value

angstrom (a)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterTOangstrom(10)
```

NISTmeterTOastronomicalUn *Convert meter to astronomical unit*

Description

NISTmeterTOastronomicalUn converts from meter (m) to astronomical unit (ua)

Usage

```
NISTmeterTOastronomicalUn(meter)
```

Arguments

meter	meter (m)

Value

astronomical unit (ua)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterTOastronomicalUn(10)
```

NISTmeterTOchain *Convert meter to chain 7*

Description

NISTmeterTOchain converts from meter (m) to chain (based on U.S. survey foot) (ch) 7

Usage

```
NISTmeterTOchain(meter)
```

Arguments

meter	meter (m)

Value

chain (based on U.S. survey foot) (ch) 7

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterTOchain(10)
```

NISTmeterTOfathom *Convert meter to fathom 7*

Description

NISTmeterTOfathom converts from meter (m) to fathom (based on U.S. survey foot) 7

Usage

```
NISTmeterTOfathom(meter)
```

Arguments

meter	meter (m)

Value

fathom (based on U.S. survey foot) 7

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterTOfathom(10)
```

NISTmeterTOfermi *Convert meter to fermi*

Description

NISTmeterTOfermi converts from meter (m) to fermi

Usage

```
NISTmeterTOfermi(meter)
```

Arguments

meter	meter (m)

Value

fermi

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterTOfermi(10)
```

`NISTmeterTOft` *Convert meter to foot*

Description

`NISTmeterTOft` converts from meter (m) to foot (ft)

Usage

```
NISTmeterTOft(meter)
```

Arguments

`meter`	meter (m)

Value

foot (ft)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterTOft(10)
```

`NISTmeterTOftUSsurvey` *Convert meter to foot 7*

Description

`NISTmeterTOftUSsurvey` converts from meter (m) to foot (U.S. survey) (ft) 7

Usage

```
NISTmeterTOftUSsurvey(meter)
```

Arguments

`meter`	meter (m)

Value

foot (U.S. survey) (ft) 7

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterTOftUSsurvey(10)
```

NISTmeterTOinch *Convert meter to inch*

Description

NISTmeterTOinch converts from meter (m) to inch (in)

Usage

```
NISTmeterTOinch(meter)
```

Arguments

meter	meter (m)

Value

inch (in)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterTOinch(10)
```

`NISTmeterTOlightYear` *Convert meter to light year 18*

Description

`NISTmeterTOlightYear` converts from meter (m) to light year (l.y.) 18

Usage

```
NISTmeterTOlightYear(meter)
```

Arguments

`meter`	meter (m)

Value

light year (l.y.) 18

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterTOlightYear(10)
```

NISTmeterTOmicroinch *Convert meter to microinch*

Description

NISTmeterTOmicroinch converts from meter (m) to microinch

Usage

```
NISTmeterTOmicroinch(meter)
```

Arguments

meter	meter (m)

Value

microinch

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterTOmicroinch(10)
```

NISTmeterTOmicron *Convert meter to micron*

Description

NISTmeterTOmicron converts from meter (m) to micron (u)

Usage

```
NISTmeterTOmicron(meter)
```

Arguments

meter	meter (m)

Value

micron (u)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterTOmicron(10)
```

NISTmeterTOmil *Convert meter to mil*

Description

NISTmeterTOmil converts from meter (m) to mil (0.001 in)

Usage

```
NISTmeterTOmil(meter)
```

Arguments

meter	meter (m)

Value

mil (0.001 in)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterTOmil(10)
```

NISTmeterTOmile *Convert meter to mile*

Description

NISTmeterTOmile converts from meter (m) to mile (mi)

Usage

```
NISTmeterTOmile(meter)
```

Arguments

meter	meter (m)

Value

mile (mi)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterTOmile(10)
```

NISTmeterTOmileNautical

Convert meter to mile, nautical 20

Description

NISTmeterTOmileNautical converts from meter (m) to mile, nautical 20

Usage

```
NISTmeterTOmileNautical(meter)
```

Arguments

meter	meter (m)

Value

mile, nautical 20

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterTOmileNautical(10)
```

NISTmeterTOmileUSsurvey *Convert meter to mile 7*

Description

NISTmeterTOmileUSsurvey converts from meter (m) to mile (based on U.S. survey foot) (mi) 7

Usage

```
NISTmeterTOmileUSsurvey(meter)
```

Arguments

meter	meter (m)

Value

mile (based on U.S. survey foot) (mi) 7

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterTOmileUSsurvey(10)
```

NISTmeterTOparsec *Convert meter to parsec*

Description

NISTmeterTOparsec converts from meter (m) to parsec (pc)

Usage

```
NISTmeterTOparsec(meter)
```

Arguments

meter	meter (m)

Value

parsec (pc)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterTOparsec(10)
```

NISTmeterTOpicaComputer *Convert meter to pica*

Description

NISTmeterTOpicaComputer converts from meter (m) to pica (computer) (1/6 in)

Usage

```
NISTmeterTOpicaComputer(meter)
```

Arguments

meter	meter (m)

Value

pica (computer) (1/6 in)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterTOpicaComputer(10)
```

`NISTmeterTOpicaPrinter` *Convert meter to pica*

Description

`NISTmeterTOpicaPrinter` converts from meter (m) to pica (printer's)

Usage

```
NISTmeterTOpicaPrinter(meter)
```

Arguments

`meter`	meter (m)

Value

pica (printer's)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterTOpicaPrinter(10)
```

`NISTmeterTOpointComputer` *Convert meter to point*

Description

`NISTmeterTOpointComputer` converts from meter (m) to point (computer) (1/72 in)

Usage

```
NISTmeterTOpointComputer(meter)
```

Arguments

`meter`	meter (m)

Value

point (computer) (1/72 in)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterTOpointComputer(10)
```

NISTmeterTOpointPrinter *Convert meter to point*

Description

NISTmeterTOpointPrinter converts from meter (m) to point (printer's)

Usage

```
NISTmeterTOpointPrinter(meter)
```

Arguments

meter	meter (m)

Value

point (printer's)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterTOpointPrinter(10)
```

NISTmeterTOrod *Convert meter to rod 7*

Description

NISTmeterTOrod converts from meter (m) to rod (based on U.S. survey foot) (rd) 7

Usage

```
NISTmeterTOrod(meter)
```

Arguments

meter	meter (m)

Value

rod (based on U.S. survey foot) (rd) 7

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterTOrod(10)
```

NISTmeterTOyard *Convert meter to yard*

Description

NISTmeterTOyard converts from meter (m) to yard (yd)

Usage

```
NISTmeterTOyard(meter)
```

Arguments

meter	meter (m)

Value

yard (yd)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmeterTOyard(10)
```

NISTmhoTOsiemens *Convert mho to siemens*

Description

NISTmhoTOsiemens converts from mho to siemens (S)

Usage

```
NISTmhoTOsiemens(mho)
```

Arguments

mho	mho

Value

siemens (S)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmhoTOsiemens(10)
```

NISTmicroinchTOmeter *Convert microinch to meter*

Description

NISTmicroinchTOmeter converts from microinch to meter (m)

Usage

```
NISTmicroinchTOmeter(microinch)
```

Arguments

microinch	microinch

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmicroinchTOmeter(10)
```

NISTmicroinchTOmicrometer *Convert microinch to micrometer*

Description

NISTmicroinchTOmicrometer converts from microinch to micrometer (um)

Usage

```
NISTmicroinchTOmicrometer(microinch)
```

Arguments

microinch	microinch

Value

micrometer (um)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmicroinchTOmicrometer(10)
```

NISTmicrometerTOmicroinch *Convert micrometer to microinch*

Description

NISTmicrometerTOmicroinch converts from micrometer (um) to microinch

Usage

```
NISTmicrometerTOmicroinch(micrometer)
```

Arguments

micrometer	micrometer (um)

Value

microinch

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmicrometerTOmicroinch(10)
```

NISTmicrometerTOmicron *Convert micrometer to micron*

Description

NISTmicrometerTOmicron converts from micrometer (um) to micron (u)

Usage

```
NISTmicrometerTOmicron(micrometer)
```

Arguments

micrometer	micrometer (um)

Value

micron (u)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmicrometerTOmicron(10)
```

NISTmicronTOmeter *Convert micron to meter*

Description

NISTmicronTOmeter converts from micron (u) to meter (m)

Usage

```
NISTmicronTOmeter(micron)
```

Arguments

micron	micron (u)

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmicronTOmeter(10)
```

NISTmicronTOmicrometer *Convert micron to micrometer*

Description

NISTmicronTOmicrometer converts from micron (u) to micrometer (um)

Usage

```
NISTmicronTOmicrometer(micron)
```

Arguments

micron	micron (u)

Value

micrometer (um)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmicronTOmicrometer(10)
```

NISTmileNauticalTOmeter

Convert mile, nautical 20 to meter

Description

NISTmileNauticalTOmeter converts from mile, nautical 20 to meter (m)

Usage

```
NISTmileNauticalTOmeter(mileNautical)
```

Arguments

mileNautical	mile, nautical 20

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmileNauticalTOmeter(10)
```

NISTmilePerGallonTOkmPerLiter *Convert mile per gallon to kilometer per liter*

Description

NISTmilePerGallonTOkmPerLiter converts from mile per gallon (U.S.) (mpg) (mi/gal) to kilometer per liter (km/L)

Usage

```
NISTmilePerGallonTOkmPerLiter(milePerGallon)
```

Arguments

milePerGallon	mile per gallon (U.S.) (mpg) (mi/gal)

Value

kilometer per liter (km/L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmilePerGallonTOkmPerLiter(10)
```

NISTmilePerGallonTOliterPer100Km
Convert mile per gallon 21 to liter per 100 kilometer

Description

NISTmilePerGallonTOliterPer100Km converts from mile per gallon (U.S.) (mpg) (mi/gal) 21 to liter per 100 kilometer (L/100 km)

Usage

```
NISTmilePerGallonTOliterPer100Km(milePerGallon)
```

Arguments

milePerGallon	mile per gallon (U.S.) (mpg) (mi/gal) 21

Value

liter per 100 kilometer (L/100 km)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmilePerGallonTOliterPer100Km(10)
```

NISTmilePerGallonTOmeterPerCubMeter
Convert mile per gallon to meter per cubic meter

Description

NISTmilePerGallonTOmeterPerCubMeter converts from mile per gallon (U.S.) (mpg) (mi/gal) to meter per cubic meter (m/m3)

Usage

```
NISTmilePerGallonTOmeterPerCubMeter(milePerGallon)
```

Arguments

milePerGallon	mile per gallon (U.S.) (mpg) (mi/gal)

Value

meter per cubic meter (m/m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmilePerGallonTOmeterPerCubMeter(10)
```

NISTmilePerHourTOkmPerHour *Convert mile per hour to kilometer per hour*

Description

NISTmilePerHourTOkmPerHour converts from mile per hour (mi/h) to kilometer per hour (km/h)

Usage

```
NISTmilePerHourTOkmPerHour(milePerHour)
```

Arguments

milePerHour	mile per hour (mi/h)

Value

kilometer per hour (km/h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmilePerHourTOkmPerHour(10)
```

NISTmilePerHourTOmeterPerSec
Convert mile per hour to meter per second

Description

NISTmilePerHourTOmeterPerSec converts from mile per hour (mi/h) to meter per second (m/s)

Usage

```
NISTmilePerHourTOmeterPerSec(milePerHour)
```

Arguments

milePerHour	mile per hour (mi/h)

Value

meter per second (m/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmilePerHourTOmeterPerSec(10)
```

NISTmilePerMinTOmeterPerSec *Convert mile per minute to meter per second*

Description

NISTmilePerMinTOmeterPerSec converts from mile per minute (mi/min) to meter per second (m/s)

Usage

```
NISTmilePerMinTOmeterPerSec(milePerMin)
```

Arguments

milePerMin	mile per minute (mi/min)

Value

meter per second (m/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmilePerMinTOmeterPerSec(10)
```

NISTmilePerSecTOmeterPerSec
Convert mile per second to meter per second

Description

NISTmilePerSecTOmeterPerSec converts from mile per second (mi/s) to meter per second (m/s)

Usage

```
NISTmilePerSecTOmeterPerSec(milePerSec)
```

Arguments

milePerSec	mile per second (mi/s)

Value

meter per second (m/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmilePerSecTOmeterPerSec(10)
```

NISTmileTOkm *Convert mile to kilometer*

Description

NISTmileTOkm converts from mile (mi) to kilometer (km)

Usage

```
NISTmileTOkm(mile)
```

Arguments

mile	mile (mi)

Value

kilometer (km)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmileTOkm(10)
```

NISTmileTOmeter *Convert mile to meter*

Description

NISTmileTOmeter converts from mile (mi) to meter (m)

Usage

```
NISTmileTOmeter(mile)
```

Arguments

mile	mile (mi)

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmileTOmeter(10)
```

`NISTmileUSsurveyTOkm` *Convert mile 7 to kilometer*

Description

`NISTmileUSsurveyTOkm` converts from mile (based on U.S. survey foot) (mi) 7 to kilometer (km)

Usage

```
NISTmileUSsurveyTOkm(mileUSsurvey)
```

Arguments

`mileUSsurvey`	mile (based on U.S. survey foot) (mi) 7

Value

kilometer (km)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmileUSsurveyTOkm(10)
```

NISTmileUSsurveyTOmeter *Convert mile 7 to meter*

Description

NISTmileUSsurveyTOmeter converts from mile (based on U.S. survey foot) (mi) 7 to meter (m)

Usage

```
NISTmileUSsurveyTOmeter(mileUSsurvey)
```

Arguments

mileUSsurvey	mile (based on U.S. survey foot) (mi) 7

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmileUSsurveyTOmeter(10)
```

NISTmillibarTOkpascal *Convert millibar to kilopascal*

Description

NISTmillibarTOkpascal converts from millibar (mbar) to kilopascal (kPa)

Usage

```
NISTmillibarTOkpascal(millibar)
```

Arguments

millibar	millibar (mbar)

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmillibarTOkpascal(10)
```

NISTmillibarTOpascal *Convert millibar to pascal*

Description

NISTmillibarTOpascal converts from millibar (mbar) to pascal (Pa)

Usage

```
NISTmillibarTOpascal(millibar)
```

Arguments

millibar	millibar (mbar)

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmillibarTOpascal(10)
```

`NISTmilligramPerLiterTOgrainPerGallon`
Convert milligram per liter to grain per gallon

Description

`NISTmilligramPerLiterTOgrainPerGallon` converts from milligram per liter (mg/L) to grain per gallon (U.S.) (gr/gal)

Usage

```
NISTmilligramPerLiterTOgrainPerGallon(milligramPerLiter)
```

Arguments

`milligramPerLiter`	milligram per liter (mg/L)

Value

grain per gallon (U.S.) (gr/gal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmilligramPerLiterTOgrainPerGallon(10)
```

NISTmilligramTOgrain *Convert milligram to grain*

Description

NISTmilligramTOgrain converts from milligram (mg) to grain (gr)

Usage

```
NISTmilligramTOgrain(milligram)
```

Arguments

milligram	milligram (mg)

Value

grain (gr)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmilligramTOgrain(10)
```

`NISTmillimeterOfMercuryConvtnlTOpascal`
Convert millimeter of mercury, conventional 12 to pascal

Description

`NISTmillimeterOfMercuryConvtnlTOpascal` converts from millimeter of mercury, conventional (mmHg) 12 to pascal (Pa)

Usage

```
NISTmillimeterOfMercuryConvtnlTOpascal(millimeterOfMercuryConvtnl)
```

Arguments

`millimeterOfMercuryConvtnl`	millimeter of mercury, conventional (mmHg) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmillimeterOfMercuryConvtnlTOpascal(10)
```

NISTmillimeterOfWaterConvtnlTOpascal
Convert millimeter of water, conventional 12 to pascal

Description

NISTmillimeterOfWaterConvtnlTOpascal converts from millimeter of water, conventional (mm H2O) 12 to pascal (Pa)

Usage

```
NISTmillimeterOfWaterConvtnlTOpascal(millimeterOfWaterConvtnl)
```

Arguments

millimeterOfWaterConvtnl
millimeter of water, conventional (mm H2O) 12

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmillimeterOfWaterConvtnlTOpascal(10)
```

`NISTmillimeterTOmil` *Convert millimeter to mil*

Description

`NISTmillimeterTOmil` converts from millimeter (mm) to mil (0.001 in)

Usage

```
NISTmillimeterTOmil(millimeter)
```

Arguments

`millimeter`	millimeter (mm)

Value

mil (0.001 in)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmillimeterTOmil(10)
```

NISTmillimeterTOpicaComputer
Convert millimeter to pica

Description

NISTmillimeterTOpicaComputer converts from millimeter (mm) to pica (computer) (1/6 in)

Usage

```
NISTmillimeterTOpicaComputer(millimeter)
```

Arguments

millimeter	millimeter (mm)

Value

pica (computer) (1/6 in)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmillimeterTOpicaComputer(10)
```

NISTmillimeterTOpicaPrinter *Convert millimeter to pica*

Description

NISTmillimeterTOpicaPrinter converts from millimeter (mm) to pica (printer's)

Usage

```
NISTmillimeterTOpicaPrinter(millimeter)
```

Arguments

millimeter	millimeter (mm)

Value

pica (printer's)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmillimeterTOpicaPrinter(10)
```

NISTmillimeterTOpointComputer
Convert millimeter to point

Description

NISTmillimeterTOpointComputer converts from millimeter (mm) to point (computer) (1/72 in)

Usage

```
NISTmillimeterTOpointComputer(millimeter)
```

Arguments

millimeter	millimeter (mm)

Value

point (computer) (1/72 in)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmillimeterTOpointComputer(10)
```

`NISTmillimeterTOpointPrinter` *Convert millimeter to point*

Description

`NISTmillimeterTOpointPrinter` converts from millimeter (mm) to point (printer's)

Usage

```
NISTmillimeterTOpointPrinter(millimeter)
```

Arguments

`millimeter`	millimeter (mm)

Value

point (printer's)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTmillimeterTOpointPrinter(10)
```

NISTmillinewtonMeterTOounceForceInch
Convert millinewton meter to ounce -force inch

Description

NISTmillinewtonMeterTOounceForceInch converts from millinewton meter (mN * m) to ounce (avoirdupois)-force inch (ozf * in)

Usage

```
NISTmillinewtonMeterTOounceForceInch(millinewtonMeter)
```

Arguments

millinewtonMeter	millinewton meter (mN * m)

Value

ounce (avoirdupois)-force inch (ozf * in)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTmillinewtonMeterTOounceForceInch(10)
```

NISTmilTOdeg *Convert mil to degree*

Description

NISTmilTOdeg converts from mil (angle) to degree ()

Usage

```
NISTmilTOdeg(mil)
```

Arguments

mil	mil (angle)

Value

degree ()

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmilTOdeg(10)
```

NISTmilTOmeter *Convert mil to meter*

Description

NISTmilTOmeter converts from mil (0.001 in) to meter (m)

Usage

```
NISTmilTOmeter(mil)
```

Arguments

mil	mil (0.001 in)

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTmilTOmeter(10)
```

`NISTmilTOmillimeter` *Convert mil to millimeter*

Description

`NISTmilTOmillimeter` converts from mil (0.001 in) to millimeter (mm)

Usage

```
NISTmilTOmillimeter(mil)
```

Arguments

`mil`	mil (0.001 in)

Value

millimeter (mm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmilTOmillimeter(10)
```

NISTmilTOradian *Convert mil to radian*

Description

NISTmilTOradian converts from mil (angle) to radian (rad)

Usage

```
NISTmilTOradian(mil)
```

Arguments

mil	mil (angle)

Value

radian (rad)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTmilTOradian(10)
```

NISTminSiderealTOsec *Convert minute to second*

Description

NISTminSiderealTOsec converts from minute (sidereal) to second (s)

Usage

```
NISTminSiderealTOsec(minSidereal)
```

Arguments

minSidereal	minute (sidereal)

Value

second (s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTminSiderealTOsec(10)
```

NISTminTOradian *Convert minute to radian*

Description

NISTminTOradian converts from minute (angle) (') to radian (rad)

Usage

```
NISTminTOradian(min)
```

Arguments

min	minute (angle) (')

Value

radian (rad)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTminTOradian(10)
```

NISTminTOsec *Convert minute to second*

Description

NISTminTOsec converts from minute (min) to second (s)

Usage

```
NISTminTOsec(min)
```

Arguments

min	minute (min)

Value

second (s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

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Examples

```
NISTminTOsec(10)
```

NISTmlTOcup *Convert milliliter to cup*

Description

NISTmlTOcup converts from milliliter (mL) to cup (U.S.)

Usage

```
NISTmlTOcup(ml)
```

Arguments

ml	milliliter (mL)

Value

cup (U.S.)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmlTOcup(10)
```

`NISTmlTOfluidOunce` *Convert milliliter to fluid ounce*

Description

`NISTmlTOfluidOunce` converts from milliliter (mL) to fluid ounce (U.S.) (fl oz)

Usage

```
NISTmlTOfluidOunce(ml)
```

Arguments

`ml`	milliliter (mL)

Value

fluid ounce (U.S.) (fl oz)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

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Examples

```
NISTmlTOfluidOunce(10)
```

NISTmlTOounce *Convert milliliter to ounce*

Description

NISTmlTOounce converts from milliliter (mL) to ounce (U.S. fluid) (fl oz)

Usage

```
NISTmlTOounce(ml)
```

Arguments

ml	milliliter (mL)

Value

ounce (U.S. fluid) (fl oz)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTmlTOounce(10)
```

`NISTmlTOounceImperial` *Convert milliliter to ounce*

Description

`NISTmlTOounceImperial` converts from milliliter (mL) to ounce [Canadian and U.K. fluid (Imperial)] (fl oz)

Usage

```
NISTmlTOounceImperial(ml)
```

Arguments

`ml`	milliliter (mL)

Value

ounce [Canadian and U.K. fluid (Imperial)] (fl oz)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTmlTOounceImperial(10)
```

NISTmlTOtablespoon *Convert milliliter to tablespoon*

Description

NISTmlTOtablespoon converts from milliliter (mL) to tablespoon

Usage

```
NISTmlTOtablespoon(ml)
```

Arguments

ml	milliliter (mL)

Value

tablespoon

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTmlTOtablespoon(10)
```

`NISTmlTOteaspoon` *Convert milliliter to teaspoon*

Description

`NISTmlTOteaspoon` converts from milliliter (mL) to teaspoon

Usage

```
NISTmlTOteaspoon(ml)
```

Arguments

`ml`	milliliter (mL)

Value

teaspoon

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTmlTOteaspoon(10)
```

NISTmpascalTOkgForcePerSqrMillimeter
Convert megapascal to kilogram-force per square millimeter

Description

NISTmpascalTOkgForcePerSqrMillimeter converts from megapascal (MPa) to kilogram-force per square millimeter (kgf/mm2)

Usage

```
NISTmpascalTOkgForcePerSqrMillimeter(mpascal)
```

Arguments

mpascal	megapascal (MPa)

Value

kilogram-force per square millimeter (kgf/mm2)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTmpascalTOkgForcePerSqrMillimeter(10)
```

NISTnanometerTOangstrom *Convert nanometer to angstrom*

Description

NISTnanometerTOangstrom converts from nanometer (nm) to angstrom (a)

Usage

```
NISTnanometerTOangstrom(nanometer)
```

Arguments

nanometer	nanometer (nm)

Value

angstrom (a)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTnanometerTOangstrom(10)
```

NISTnanosecTOshake *Convert nanosecond to shake*

Description

NISTnanosecTOshake converts from nanosecond (ns) to shake

Usage

```
NISTnanosecTOshake(nanosec)
```

Arguments

nanosec	nanosecond (ns)

Value

shake

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTnanosecTOshake(10)
```

NISTnewtonMeterPerMeterTOpoundForceFtPerInch
Convert newton meter per meter to pound-force foot per inch

Description

NISTnewtonMeterPerMeterTOpoundForceFtPerInch converts from newton meter per meter (N * m/m) to pound-force foot per inch (lbf * ft/in)

Usage

```
NISTnewtonMeterPerMeterTOpoundForceFtPerInch(newtonMeterPerMeter)
```

Arguments

newtonMeterPerMeter	newton meter per meter (N * m/m)

Value

pound-force foot per inch (lbf * ft/in)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTnewtonMeterPerMeterTOpoundForceFtPerInch(10)
```

NISTnewtonMeterPerMeterTOpoundForceInchPerInch
Convert newton meter per meter to pound-force inch per inch

Description

NISTnewtonMeterPerMeterTOpoundForceInchPerInch converts from newton meter per meter (N * m/m) to pound-force inch per inch (lbf * in/in)

Usage

```
NISTnewtonMeterPerMeterTOpoundForceInchPerInch(newtonMeterPerMeter)
```

Arguments

newtonMeterPerMeter	newton meter per meter (N * m/m)

Value

pound-force inch per inch (lbf * in/in)

Author(s)

Jose Gama

Source

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References

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Examples

```
NISTnewtonMeterPerMeterTOpoundForceInchPerInch(10)
```

NISTnewtonMeterTOdyneCm *Convert newton meter to dyne centimeter*

Description

NISTnewtonMeterTOdyneCm converts from newton meter (N * m) to dyne centimeter (dyn * cm)

Usage

```
NISTnewtonMeterTOdyneCm(newtonMeter)
```

Arguments

newtonMeter	newton meter (N * m)

Value

dyne centimeter (dyn * cm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTnewtonMeterTOdyneCm(10)
```

NISTnewtonMeterTOkgForceMeter
Convert newton meter to kilogram-force meter

Description

NISTnewtonMeterTOkgForceMeter converts from newton meter (N * m) to kilogram-force meter (kgf * m)

Usage

```
NISTnewtonMeterTOkgForceMeter(newtonMeter)
```

Arguments

newtonMeter	newton meter (N * m)

Value

kilogram-force meter (kgf * m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTnewtonMeterTOkgForceMeter(10)
```

NISTnewtonMeterTOounceForceInch
Convert newton meter to ounce -force inch

Description

NISTnewtonMeterTOounceForceInch converts from newton meter (N * m) to ounce (avoirdupois)-force inch (ozf * in)

Usage

```
NISTnewtonMeterTOounceForceInch(newtonMeter)
```

Arguments

newtonMeter	newton meter (N * m)

Value

ounce (avoirdupois)-force inch (ozf * in)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTnewtonMeterTOounceForceInch(10)
```

NISTnewtonMeterTOpoundForceFt *Convert newton meter to pound-force foot*

Description

NISTnewtonMeterTOpoundForceFt converts from newton meter (N * m) to pound-force foot (lbf * ft)

Usage

```
NISTnewtonMeterTOpoundForceFt(newtonMeter)
```

Arguments

newtonMeter	newton meter (N * m)

Value

pound-force foot (lbf * ft)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTnewtonMeterTOpoundForceFt(10)
```

NISTnewtonMeterTOpoundForceInch *Convert newton meter to pound-force inch*

Description

NISTnewtonMeterTOpoundForceInch converts from newton meter (N * m) to pound-force inch (lbf * in)

Usage

```
NISTnewtonMeterTOpoundForceInch(newtonMeter)
```

Arguments

newtonMeter	newton meter (N * m)

Value

pound-force inch (lbf * in)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTnewtonMeterTOpoundForceInch(10)
```

NISTnewtonPerKgTOpoundForcePerPound
Convert newton per kilogram to pound-force per pound

Description

NISTnewtonPerKgTOpoundForcePerPound converts from newton per kilogram (N/kg) to pound-force per pound (lbf/lb) (thrust to mass ratio)

Usage

```
NISTnewtonPerKgTOpoundForcePerPound(newtonPerKg)
```

Arguments

newtonPerKg	newton per kilogram (N/kg)

Value

pound-force per pound (lbf/lb) (thrust to mass ratio)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTnewtonPerKgTOpoundForcePerPound(10)
```

NISTnewtonPerMeterTOpoundForcePerFt
Convert newton per meter to pound-force per foot

Description

NISTnewtonPerMeterTOpoundForcePerFt converts from newton per meter (N/m) to pound-force per foot (lbf/ft)

Usage

```
NISTnewtonPerMeterTOpoundForcePerFt(newtonPerMeter)
```

Arguments

newtonPerMeter	newton per meter (N/m)

Value

pound-force per foot (lbf/ft)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

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Examples

```
NISTnewtonPerMeterTOpoundForcePerFt(10)
```

NISTnewtonPerMeterTOpoundForcePerInch
Convert newton per meter to pound-force per inch

Description

NISTnewtonPerMeterTOpoundForcePerInch converts from newton per meter (N/m) to pound-force per inch (lbf/in)

Usage

```
NISTnewtonPerMeterTOpoundForcePerInch(newtonPerMeter)
```

Arguments

newtonPerMeter	newton per meter (N/m)

Value

pound-force per inch (lbf/in)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

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Examples

```
NISTnewtonPerMeterTOpoundForcePerInch(10)
```

NISTnewtonTOdyne *Convert newton to dyne*

Description

NISTnewtonTOdyne converts from newton (N) to dyne (dyn)

Usage

```
NISTnewtonTOdyne(newton)
```

Arguments

newton	newton (N)

Value

dyne (dyn)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTnewtonTOdyne(10)
```

NISTnewtonTOkgForce *Convert newton to kilogram-force*

Description

NISTnewtonTOkgForce converts from newton (N) to kilogram-force (kgf)

Usage

```
NISTnewtonTOkgForce(newton)
```

Arguments

newton	newton (N)

Value

kilogram-force (kgf)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTnewtonTOkgForce(10)
```

NISTnewtonTOkilopond *Convert newton to kilopond*

Description

NISTnewtonTOkilopond converts from newton (N) to kilopond (kilogram-force) (kp)

Usage

```
NISTnewtonTOkilopond(newton)
```

Arguments

newton	newton (N)

Value

kilopond (kilogram-force) (kp)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTnewtonTOkilopond(10)
```

NISTnewtonTOkip *Convert newton to kip*

Description

NISTnewtonTOkip converts from newton (N) to kip (1 kip= 1000 lbf)

Usage

```
NISTnewtonTOkip(newton)
```

Arguments

newton	newton (N)

Value

kip (1 kip= 1000 lbf)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTnewtonTOkip(10)
```

NISTnewtonTOounceForce *Convert newton to ounce -force*

Description

NISTnewtonTOounceForce converts from newton (N) to ounce (avoirdupois)-force (ozf)

Usage

```
NISTnewtonTOounceForce(newton)
```

Arguments

newton	newton (N)

Value

ounce (avoirdupois)-force (ozf)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTnewtonTOounceForce(10)
```

NISTnewtonTOpoundal *Convert newton to poundal*

Description

NISTnewtonTOpoundal converts from newton (N) to poundal

Usage

```
NISTnewtonTOpoundal(newton)
```

Arguments

newton	newton (N)

Value

poundal

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTnewtonTOpoundal(10)
```

NISTnewtonTOpoundForce *Convert newton to pound-force 23*

Description

NISTnewtonTOpoundForce converts from newton (N) to pound-force (lbf) 23

Usage

```
NISTnewtonTOpoundForce(newton)
```

Arguments

newton	newton (N)

Value

pound-force (lbf) 23

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTnewtonTOpoundForce(10)
```

NISTnewtonTOtonForce *Convert newton to ton-force*

Description

NISTnewtonTOtonForce converts from newton (N) to ton-force (2000 lbf)

Usage

```
NISTnewtonTOtonForce(newton)
```

Arguments

newton	newton (N)

Value

ton-force (2000 lbf)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTnewtonTOtonForce(10)
```

NISToerstedTOamperePerMeter *Convert oersted to ampere per meter*

Description

NISToerstedTOamperePerMeter converts from oersted (Oe) to ampere per meter (A/m)

Usage

```
NISToerstedTOamperePerMeter(oersted)
```

Arguments

oersted	oersted (Oe)

Value

ampere per meter (A/m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISToerstedTOamperePerMeter(10)
```

NISTohmCircularMilPerFtTOohmMeter
Convert ohm circular-mil per foot to ohm meter

Description

NISTohmCircularMilPerFtTOohmMeter converts from ohm circular-mil per foot to ohm meter (ohm * m)

Usage

```
NISTohmCircularMilPerFtTOohmMeter(ohmCircularMilPerFt)
```

Arguments

ohmCircularMilPerFt	ohm circular-mil per foot

Value

ohm meter (ohm * m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTohmCircularMilPerFtTOohmMeter(10)
```

`NISTohmCircularMilPerFtTOohmSqrMillimeterPerMeter`
Convert ohm circular-mil per foot to ohm square millimeter per meter

Description

`NISTohmCircularMilPerFtTOohmSqrMillimeterPerMeter` converts from ohm circular-mil per foot to ohm square millimeter per meter (ohm * mm2/m)

Usage

```
NISTohmCircularMilPerFtTOohmSqrMillimeterPerMeter(ohmCircularMilPerFt)
```

Arguments

`ohmCircularMilPerFt`
ohm circular-mil per foot

Value

ohm square millimeter per meter (ohm * mm2/m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTohmCircularMilPerFtTOohmSqrMillimeterPerMeter(10)
```

NISTohmCmTOohmMeter *Convert ohm centimeter to ohm meter*

Description

NISTohmCmTOohmMeter converts from ohm centimeter (ohm * cm) to ohm meter (ohm * m)

Usage

```
NISTohmCmTOohmMeter(ohmCm)
```

Arguments

ohmCm	ohm centimeter (ohm * cm)

Value

ohm meter (ohm * m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTohmCmTOohmMeter(10)
```

NISTohmMeterTOohmCircularMilPerFt
Convert ohm meter to ohm circular-mil per foot

Description

NISTohmMeterTOohmCircularMilPerFt converts from ohm meter (ohm * m) to ohm circular-mil per foot

Usage

```
NISTohmMeterTOohmCircularMilPerFt(ohmMeter)
```

Arguments

ohmMeter	ohm meter (ohm * m)

Value

ohm circular-mil per foot

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTohmMeterTOohmCircularMilPerFt(10)
```

NISTohmMeterTOohmCm *Convert ohm meter to ohm centimeter*

Description

NISTohmMeterTOohmCm converts from ohm meter (ohm * m) to ohm centimeter (ohm * cm)

Usage

```
NISTohmMeterTOohmCm(ohmMeter)
```

Arguments

ohmMeter	ohm meter (ohm * m)

Value

ohm centimeter (ohm * cm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTohmMeterTOohmCm(10)
```

NISTohmSqrMillimeterPerMeterTOohmCircularMilPerFt
Convert ohm square millimeter per meter to ohm circular-mil per foot

Description

NISTohmSqrMillimeterPerMeterTOohmCircularMilPerFt converts from ohm square millimeter per meter (ohm * mm2/m) to ohm circular-mil per foot

Usage

```
NISTohmSqrMillimeterPerMeterTOohmCircularMilPerFt(ohmSqrMillimeterPerMeter)
```

Arguments

ohmSqrMillimeterPerMeter
: ohm square millimeter per meter (ohm * mm2/m)

Value

ohm circular-mil per foot

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTohmSqrMillimeterPerMeterTOohmCircularMilPerFt(10)
```

NISTohmTOabohm *Convert ohm to abohm*

Description

NISTohmTOabohm converts from ohm (ohm) to abohm

Usage

```
NISTohmTOabohm(ohm)
```

Arguments

ohm	ohm (ohm)

Value

abohm

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTohmTOabohm(10)
```

NISTohmToEMUOfResistance *Convert ohm to EMU of resistance*

Description

NISTohmToEMUOfResistance converts from ohm (ohm) to EMU of resistance (abohm)

Usage

```
NISTohmToEMUOfResistance(ohm)
```

Arguments

ohm	ohm (ohm)

Value

EMU of resistance (abohm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTohmToEMUOfResistance(10)
```

NISTohmToESUOfResistance *Convert ohm to ESU of resistance*

Description

NISTohmToESUOfResistance converts from ohm (ohm) to ESU of resistance (statohm)

Usage

```
NISTohmToESUOfResistance(ohm)
```

Arguments

ohm	ohm (ohm)

Value

ESU of resistance (statohm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTohmToESUOfResistance(10)
```

NISTohmTOstatohm *Convert ohm to statohm*

Description

NISTohmTOstatohm converts from ohm (ohm) to statohm

Usage

```
NISTohmTOstatohm(ohm)
```

Arguments

ohm	ohm (ohm)

Value

statohm

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTohmTOstatohm(10)
```

NISTounceAvoirdupoisTOgram *Convert ounce to gram*

Description

NISTounceAvoirdupoisTOgram converts from ounce (avoirdupois) (oz) to gram (g)

Usage

```
NISTounceAvoirdupoisTOgram(ounceAvoirdupois)
```

Arguments

ounceAvoirdupois	ounce (avoirdupois) (oz)

Value

gram (g)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTounceAvoirdupoisTOgram(10)
```

NISTounceAvoirdupoisTOkg *Convert ounce to kilogram*

Description

NISTounceAvoirdupoisTOkg converts from ounce (avoirdupois) (oz) to kilogram (kg)

Usage

```
NISTounceAvoirdupoisTOkg(ounceAvoirdupois)
```

Arguments

ounceAvoirdupois	ounce (avoirdupois) (oz)

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTounceAvoirdupoisTOkg(10)
```

NISTounceForceInchTOmillinewtonMeter
Convert ounce -force inch to millinewton meter

Description

NISTounceForceInchTOmillinewtonMeter converts from ounce (avoirdupois)-force inch (ozf * in) to millinewton meter (mN * m)

Usage

```
NISTounceForceInchTOmillinewtonMeter(ounceForceInch)
```

Arguments

ounceForceInch	ounce (avoirdupois)-force inch (ozf * in)

Value

millinewton meter (mN * m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTounceForceInchTOmillinewtonMeter(10)
```

`NISTounceForceInchTOnewtonMeter` *Convert ounce -force inch to newton meter*

Description

`NISTounceForceInchTOnewtonMeter` converts from ounce (avoirdupois)-force inch (ozf * in) to newton meter (N * m)

Usage

```
NISTounceForceInchTOnewtonMeter(ounceForceInch)
```

Arguments

`ounceForceInch`	ounce (avoirdupois)-force inch (ozf * in)

Value

newton meter (N * m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTounceForceInchTOnewtonMeter(10)
```

NISTounceForceTOnewton *Convert ounce -force to newton*

Description

NISTounceForceTOnewton converts from ounce (avoirdupois)-force (ozf) to newton (N)

Usage

```
NISTounceForceTOnewton(ounceForce)
```

Arguments

ounceForce	ounce (avoirdupois)-force (ozf)

Value

newton (N)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTounceForceTOnewton(10)
```

`NISTounceImperialPerGallonTOgramPerLiter` *Convert ounce per gallon to gram per liter*

Description

`NISTounceImperialPerGallonTOgramPerLiter` converts from ounce (avoirdupois) per gallon [Canadian and U.K. (Imperial)] (oz/gal) to gram per liter (g/L)

Usage

```
NISTounceImperialPerGallonTOgramPerLiter(ounceImperialPerGallon)
```

Arguments

`ounceImperialPerGallon` ounce (avoirdupois) per gallon [Canadian and U.K. (Imperial)] (oz/gal)

Value

gram per liter (g/L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTounceImperialPerGallonTOgramPerLiter(10)
```

NISTounceImperialPerGallonTOkgPerCubMeter
Convert ounce per gallon to kilogram per cubic meter

Description

NISTounceImperialPerGallonTOkgPerCubMeter converts from ounce (avoirdupois) per gallon [Canadian and U.K. (Imperial)] (oz/gal) to kilogram per cubic meter (kg/m3)

Usage

```
NISTounceImperialPerGallonTOkgPerCubMeter(ounceImperialPerGallon)
```

Arguments

ounceImperialPerGallon
: ounce (avoirdupois) per gallon [Canadian and U.K. (Imperial)] (oz/gal)

Value

kilogram per cubic meter (kg/m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTounceImperialPerGallonTOkgPerCubMeter(10)
```

`NISTounceImperialTOcubMeter` *Convert ounce to cubic meter*

Description

`NISTounceImperialTOcubMeter` converts from ounce [Canadian and U.K. fluid (Imperial)] (fl oz) to cubic meter (m3)

Usage

```
NISTounceImperialTOcubMeter(ounceImperial)
```

Arguments

`ounceImperial`	ounce [Canadian and U.K. fluid (Imperial)] (fl oz)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTounceImperialTOcubMeter(10)
```

NISTounceImperialTOml *Convert ounce to milliliter*

Description

NISTounceImperialTOml converts from ounce [Canadian and U.K. fluid (Imperial)] (fl oz) to milliliter (mL)

Usage

```
NISTounceImperialTOml(ounceImperial)
```

Arguments

ounceImperial	ounce [Canadian and U.K. fluid (Imperial)] (fl oz)

Value

milliliter (mL)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTounceImperialTOml(10)
```

`NISTouncePerCubInchTOkgPerCubMeter` *Convert ounce per cubic inch to kilogram per cubic meter*

Description

`NISTouncePerCubInchTOkgPerCubMeter` converts from ounce (avoirdupois) per cubic inch (oz/in3) to kilogram per cubic meter (kg/m3)

Usage

```
NISTouncePerCubInchTOkgPerCubMeter(ouncePerCubInch)
```

Arguments

`ouncePerCubInch`	ounce (avoirdupois) per cubic inch (oz/in3)

Value

kilogram per cubic meter (kg/m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTouncePerCubInchTOkgPerCubMeter(10)
```

`NISTouncePerGallonTOgramPerLiter` *Convert ounce per gallon to gram per liter*

Description

`NISTouncePerGallonTOgramPerLiter` converts from ounce (avoirdupois) per gallon (U.S.) (oz/gal) to gram per liter (g/L)

Usage

```
NISTouncePerGallonTOgramPerLiter(ouncePerGallon)
```

Arguments

`ouncePerGallon`	ounce (avoirdupois) per gallon (U.S.) (oz/gal)

Value

gram per liter (g/L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTouncePerGallonTOgramPerLiter(10)
```

`NISTouncePerGallonTOkgPerCubMeter` *Convert ounce per gallon to kilogram per cubic meter*

Description

`NISTouncePerGallonTOkgPerCubMeter` converts from ounce (avoirdupois) per gallon (U.S.) (oz/gal) to kilogram per cubic meter (kg/m3)

Usage

```
NISTouncePerGallonTOkgPerCubMeter(ouncePerGallon)
```

Arguments

`ouncePerGallon`	ounce (avoirdupois) per gallon (U.S.) (oz/gal)

Value

kilogram per cubic meter (kg/m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

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Examples

```
NISTouncePerGallonTOkgPerCubMeter(10)
```

NISTouncePerSqrFtTOkgPerSqrMeter
Convert ounce per square foot to kilogram per square meter

Description

NISTouncePerSqrFtTOkgPerSqrMeter converts from ounce (avoirdupois) per square foot (oz/ft2) to kilogram per square meter (kg/m2)

Usage

```
NISTouncePerSqrFtTOkgPerSqrMeter(ouncePerSqrFt)
```

Arguments

ouncePerSqrFt	ounce (avoirdupois) per square foot (oz/ft2)

Value

kilogram per square meter (kg/m2)

Author(s)

Jose Gama

Source

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References

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Examples

```
NISTouncePerSqrFtTOkgPerSqrMeter(10)
```

NISTouncePerSqrInchTOkgPerSqrMeter
Convert ounce per square inch to kilogram per square meter

Description

NISTouncePerSqrInchTOkgPerSqrMeter converts from ounce (avoirdupois) per square inch (oz/in2) to kilogram per square meter (kg/m2)

Usage

```
NISTouncePerSqrInchTOkgPerSqrMeter(ouncePerSqrInch)
```

Arguments

ouncePerSqrInch
ounce (avoirdupois) per square inch (oz/in2)

Value

kilogram per square meter (kg/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTouncePerSqrInchTOkgPerSqrMeter(10)
```

NISTouncePerSqrYardTOkgPerSqrMeter
Convert ounce per square yard to kilogram per square meter

Description

NISTouncePerSqrYardTOkgPerSqrMeter converts from ounce (avoirdupois) per square yard (oz/yd2) to kilogram per square meter (kg/m2)

Usage

```
NISTouncePerSqrYardTOkgPerSqrMeter(ouncePerSqrYard)
```

Arguments

ouncePerSqrYard
ounce (avoirdupois) per square yard (oz/yd2)

Value

kilogram per square meter (kg/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTouncePerSqrYardTOkgPerSqrMeter(10)
```

`NISTounceTOcubMeter` *Convert ounce to cubic meter*

Description

`NISTounceTOcubMeter` converts from ounce (U.S. fluid) (fl oz) to cubic meter (m3)

Usage

```
NISTounceTOcubMeter(ounce)
```

Arguments

ounce	ounce (U.S. fluid) (fl oz)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTounceTOcubMeter(10)
```

NISTounceTOml *Convert ounce to milliliter*

Description

NISTounceTOml converts from ounce (U.S. fluid) (fl oz) to milliliter (mL)

Usage

```
NISTounceTOml(ounce)
```

Arguments

ounce	ounce (U.S. fluid) (fl oz)

Value

milliliter (mL)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTounceTOml(10)
```

NISTounceTroyTOgram *Convert ounce to gram*

Description

NISTounceTroyTOgram converts from ounce (troy or apothecary) (oz) to gram (g)

Usage

```
NISTounceTroyTOgram(ounceTroy)
```

Arguments

ounceTroy	ounce (troy or apothecary) (oz)

Value

gram (g)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTounceTroyTOgram(10)
```

NISTounceTroyTOkg *Convert ounce to kilogram*

Description

NISTounceTroyTOkg converts from ounce (troy or apothecary) (oz) to kilogram (kg)

Usage

```
NISTounceTroyTOkg(ounceTroy)
```

Arguments

ounceTroy	ounce (troy or apothecary) (oz)

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTounceTroyTOkg(10)
```

NISTparsecTOmeter *Convert parsec to meter*

Description

NISTparsecTOmeter converts from parsec (pc) to meter (m)

Usage

```
NISTparsecTOmeter(parsec)
```

Arguments

parsec	parsec (pc)

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTparsecTOmeter(10)
```

NISTpascalSecTOcentipoise *Convert pascal second to centipoise*

Description

NISTpascalSecTOcentipoise converts from pascal second (Pa * s) to centipoise (cP)

Usage

```
NISTpascalSecTOcentipoise(pascalSec)
```

Arguments

pascalSec	pascal second (Pa * s)

Value

centipoise (cP)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalSecTOcentipoise(10)
```

NISTpascalSecTOpoise *Convert pascal second to poise*

Description

NISTpascalSecTOpoise converts from pascal second (Pa * s) to poise (P)

Usage

```
NISTpascalSecTOpoise(pascalSec)
```

Arguments

pascalSec	pascal second (Pa * s)

Value

poise (P)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalSecTOpoise(10)
```

NISTpascalSecTOpoundalSecPerSqrFt
Convert pascal second to poundal second per square foot

Description

NISTpascalSecTOpoundalSecPerSqrFt converts from pascal second (Pa * s) to poundal second per square foot

Usage

```
NISTpascalSecTOpoundalSecPerSqrFt(pascalSec)
```

Arguments

pascalSec	pascal second (Pa * s)

Value

poundal second per square foot

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalSecTOpoundalSecPerSqrFt(10)
```

`NISTpascalSecTOpoundForceSecPerSqrFt` *Convert pascal second to pound-force second per square foot*

Description

`NISTpascalSecTOpoundForceSecPerSqrFt` converts from pascal second (Pa * s) to pound-force second per square foot (lbf * s/ft2)

Usage

```
NISTpascalSecTOpoundForceSecPerSqrFt(pascalSec)
```

Arguments

`pascalSec`	pascal second (Pa * s)

Value

pound-force second per square foot (lbf * s/ft2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalSecTOpoundForceSecPerSqrFt(10)
```

NISTpascalSecTOpoundForceSecPerSqrInch
Convert pascal second to pound-force second per square inch

Description

NISTpascalSecTOpoundForceSecPerSqrInch converts from pascal second (Pa * s) to pound-force second per square inch (lbf * s/in2)

Usage

```
NISTpascalSecTOpoundForceSecPerSqrInch(pascalSec)
```

Arguments

pascalSec	pascal second (Pa * s)

Value

pound-force second per square inch (lbf * s/in2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalSecTOpoundForceSecPerSqrInch(10)
```

NISTpascalSecTOpoundPerFtHour *Convert pascal second to pound per foot hour*

Description

NISTpascalSecTOpoundPerFtHour converts from pascal second (Pa * s) to pound per foot hour [lb/(ft * h)]

Usage

```
NISTpascalSecTOpoundPerFtHour(pascalSec)
```

Arguments

pascalSec	pascal second (Pa * s)

Value

pound per foot hour [lb/(ft * h)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalSecTOpoundPerFtHour(10)
```

NISTpascalSecTOpoundPerFtSec
Convert pascal second to pound per foot second

Description

NISTpascalSecTOpoundPerFtSec converts from pascal second (Pa * s) to pound per foot second [lb/(ft * s)]

Usage

```
NISTpascalSecTOpoundPerFtSec(pascalSec)
```

Arguments

pascalSec	pascal second (Pa * s)

Value

pound per foot second [lb/(ft * s)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalSecTOpoundPerFtSec(10)
```

NISTpascalSecTOslugPerFtSec
Convert pascal second to slug per foot second

Description

NISTpascalSecTOslugPerFtSec converts from pascal second (Pa * s) to slug per foot second [slug/(ft * s)]

Usage

```
NISTpascalSecTOslugPerFtSec(pascalSec)
```

Arguments

pascalSec	pascal second (Pa * s)

Value

slug per foot second [slug/(ft * s)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalSecTOslugPerFtSec(10)
```

NISTpascalTOatmosphereStd
Convert pascal to atmosphere, standard

Description

NISTpascalTOatmosphereStd converts from pascal (Pa) to atmosphere, standard (atm)

Usage

```
NISTpascalTOatmosphereStd(pascal)
```

Arguments

pascal	pascal (Pa)

Value

atmosphere, standard (atm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOatmosphereStd(10)
```

NISTpascalTOatmosphereTechnical
Convert pascal to atmosphere, technical 8

Description

NISTpascalTOatmosphereTechnical converts from pascal (Pa) to atmosphere, technical (at) 8

Usage

```
NISTpascalTOatmosphereTechnical(pascal)
```

Arguments

pascal	pascal (Pa)

Value

atmosphere, technical (at) 8

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOatmosphereTechnical(10)
```

NISTpascalTObar *Convert pascal to bar*

Description

NISTpascalTObar converts from pascal (Pa) to bar (bar)

Usage

```
NISTpascalTObar(pascal)
```

Arguments

pascal	pascal (Pa)

Value

bar (bar)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTObar(10)
```

NISTpascalTOcmOfMercury

Convert pascal to centimeter of mercury 12

Description

NISTpascalTOcmOfMercury converts from pascal (Pa) to centimeter of mercury (0 C) 12

Usage

```
NISTpascalTOcmOfMercury(pascal)
```

Arguments

pascal	pascal (Pa)

Value

centimeter of mercury (0 C) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOcmOfMercury(10)
```

NISTpascalTOcmOfMercuryConvtnl *Convert pascal to centimeter of mercury, conventional 12*

Description

NISTpascalTOcmOfMercuryConvtnl converts from pascal (Pa) to centimeter of mercury, conventional (cmHg) 12

Usage

```
NISTpascalTOcmOfMercuryConvtnl(pascal)
```

Arguments

pascal	pascal (Pa)

Value

centimeter of mercury, conventional (cmHg) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOcmOfMercuryConvtnl(10)
```

`NISTpascalTOcmOfWater` *Convert pascal to centimeter of water 12*

Description

`NISTpascalTOcmOfWater` converts from pascal (Pa) to centimeter of water (4 C) 12

Usage

```
NISTpascalTOcmOfWater(pascal)
```

Arguments

`pascal`	pascal (Pa)

Value

centimeter of water (4 C) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOcmOfWater(10)
```

NISTpascalTOcmOfWaterConvtnl *Convert pascal to centimeter of water, conventional 12*

Description

NISTpascalTOcmOfWaterConvtnl converts from pascal (Pa) to centimeter of water, conventional (cmH2O) 12

Usage

```
NISTpascalTOcmOfWaterConvtnl(pascal)
```

Arguments

pascal	pascal (Pa)

Value

centimeter of water, conventional (cmH2O) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOcmOfWaterConvtnl(10)
```

NISTpascalTOdynePerSqrCm *Convert pascal to dyne per square centimeter*

Description

NISTpascalTOdynePerSqrCm converts from pascal (Pa) to dyne per square centimeter (dyn/cm2)

Usage

```
NISTpascalTOdynePerSqrCm(pascal)
```

Arguments

pascal	pascal (Pa)

Value

dyne per square centimeter (dyn/cm2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOdynePerSqrCm(10)
```

NISTpascalTOftOfMercuryConvtnl
Convert pascal to foot of mercury, conventional 12

Description

NISTpascalTOftOfMercuryConvtnl converts from pascal (Pa) to foot of mercury, conventional (ftHg) 12

Usage

```
NISTpascalTOftOfMercuryConvtnl(pascal)
```

Arguments

pascal	pascal (Pa)

Value

foot of mercury, conventional (ftHg) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOftOfMercuryConvtnl(10)
```

`NISTpascalTOftOfWater` *Convert pascal to foot of water 12*

Description

`NISTpascalTOftOfWater` converts from pascal (Pa) to foot of water (39.2 F) 12

Usage

```
NISTpascalTOftOfWater(pascal)
```

Arguments

`pascal`	pascal (Pa)

Value

foot of water (39.2 F) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOftOfWater(10)
```

NISTpascalTOftOfWaterConvtnl *Convert pascal to foot of water, conventional 12*

Description

NISTpascalTOftOfWaterConvtnl converts from pascal (Pa) to foot of water, conventional (ftH2O) 12

Usage

```
NISTpascalTOftOfWaterConvtnl(pascal)
```

Arguments

pascal	pascal (Pa)

Value

foot of water, conventional (ftH2O) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOftOfWaterConvtnl(10)
```

NISTpascalTOgramForcePerSqrCm *Convert pascal to gram-force per square centimeter*

Description

NISTpascalTOgramForcePerSqrCm converts from pascal (Pa) to gram-force per square centimeter (gf/cm2)

Usage

```
NISTpascalTOgramForcePerSqrCm(pascal)
```

Arguments

pascal	pascal (Pa)

Value

gram-force per square centimeter (gf/cm2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOgramForcePerSqrCm(10)
```

NISTpascalTOinchOfMercury32F
Convert pascal to inch of mercury 12

Description

`NISTpascalTOinchOfMercury32F` converts from pascal (Pa) to inch of mercury (32 F) 12

Usage

```
NISTpascalTOinchOfMercury32F(pascal)
```

Arguments

`pascal`	pascal (Pa)

Value

inch of mercury (32 F) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOinchOfMercury32F(10)
```

NISTpascalTOinchOfMercury60F
Convert pascal to inch of mercury 12

Description

NISTpascalTOinchOfMercury60F converts from pascal (Pa) to inch of mercury (60 F) 12

Usage

```
NISTpascalTOinchOfMercury60F(pascal)
```

Arguments

pascal	pascal (Pa)

Value

inch of mercury (60 F) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOinchOfMercury60F(10)
```

NISTpascalTOinchOfMercuryConvtnl
Convert pascal to inch of mercury, conventional 12

Description

NISTpascalTOinchOfMercuryConvtnl converts from pascal (Pa) to inch of mercury, conventional (inHg) 12

Usage

```
NISTpascalTOinchOfMercuryConvtnl(pascal)
```

Arguments

pascal	pascal (Pa)

Value

inch of mercury, conventional (inHg) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOinchOfMercuryConvtnl(10)
```

`NISTpascalTOinchOfWater39.2F` *Convert pascal to inch of water 12*

Description

`NISTpascalTOinchOfWater39.2F` converts from pascal (Pa) to inch of water (39.2 F) 12

Usage

```
NISTpascalTOinchOfWater39.2F(pascal)
```

Arguments

`pascal`	pascal (Pa)

Value

inch of water (39.2 F) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOinchOfWater39.2F(10)
```

NISTpascalTOinchOfWater60F
Convert pascal to inch of water 12

Description

NISTpascalTOinchOfWater60F converts from pascal (Pa) to inch of water (60 F) 12

Usage

```
NISTpascalTOinchOfWater60F(pascal)
```

Arguments

pascal	pascal (Pa)

Value

inch of water (60 F) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOinchOfWater60F(10)
```

`NISTpascalTOinchOfWaterConvtnl`
Convert pascal to inch of water, conventional 12

Description

`NISTpascalTOinchOfWaterConvtnl` converts from pascal (Pa) to inch of water, conventional (inH2O) 12

Usage

```
NISTpascalTOinchOfWaterConvtnl(pascal)
```

Arguments

`pascal`	pascal (Pa)

Value

inch of water, conventional (inH2O) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOinchOfWaterConvtnl(10)
```

NISTpascalTOkgForcePerSqrCm *Convert pascal to kilogram-force per square centimeter*

Description

NISTpascalTOkgForcePerSqrCm converts from pascal (Pa) to kilogram-force per square centimeter (kgf/cm2)

Usage

```
NISTpascalTOkgForcePerSqrCm(pascal)
```

Arguments

pascal	pascal (Pa)

Value

kilogram-force per square centimeter (kgf/cm2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOkgForcePerSqrCm(10)
```

`NISTpascalTOkgForcePerSqrMeter` *Convert pascal to kilogram-force per square meter*

Description

`NISTpascalTOkgForcePerSqrMeter` converts from pascal (Pa) to kilogram-force per square meter (kgf/m2)

Usage

```
NISTpascalTOkgForcePerSqrMeter(pascal)
```

Arguments

`pascal`	pascal (Pa)

Value

kilogram-force per square meter (kgf/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOkgForcePerSqrMeter(10)
```

`NISTpascalTOkgForcePerSqrMillimeter`
Convert pascal to kilogram-force per square millimeter

Description

`NISTpascalTOkgForcePerSqrMillimeter` converts from pascal (Pa) to kilogram-force per square millimeter (kgf/mm2)

Usage

```
NISTpascalTOkgForcePerSqrMillimeter(pascal)
```

Arguments

`pascal`	pascal (Pa)

Value

kilogram-force per square millimeter (kgf/mm2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOkgForcePerSqrMillimeter(10)
```

NISTpascalTOkipPerSqrInch *Convert pascal to kip per square inch*

Description

NISTpascalTOkipPerSqrInch converts from pascal (Pa) to kip per square inch (ksi) (kip/in2)

Usage

```
NISTpascalTOkipPerSqrInch(pascal)
```

Arguments

pascal	pascal (Pa)

Value

kip per square inch (ksi) (kip/in2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOkipPerSqrInch(10)
```

NISTpascalTOmillibar *Convert pascal to millibar*

Description

NISTpascalTOmillibar converts from pascal (Pa) to millibar (mbar)

Usage

```
NISTpascalTOmillibar(pascal)
```

Arguments

pascal	pascal (Pa)

Value

millibar (mbar)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOmillibar(10)
```

`NISTpascalTOmillimeterOfMercuryConvtnl` *Convert pascal to millimeter of mercury, conventional 12*

Description

`NISTpascalTOmillimeterOfMercuryConvtnl` converts from pascal (Pa) to millimeter of mercury, conventional (mmHg) 12

Usage

```
NISTpascalTOmillimeterOfMercuryConvtnl(pascal)
```

Arguments

`pascal`	pascal (Pa)

Value

millimeter of mercury, conventional (mmHg) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOmillimeterOfMercuryConvtnl(10)
```

NISTpascalTOmillimeterOfWaterConvtnl
Convert pascal to millimeter of water, conventional 12

Description

NISTpascalTOmillimeterOfWaterConvtnl converts from pascal (Pa) to millimeter of water, conventional (mm H2O) 12

Usage

```
NISTpascalTOmillimeterOfWaterConvtnl(pascal)
```

Arguments

pascal	pascal (Pa)

Value

millimeter of water, conventional (mm H2O) 12

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOmillimeterOfWaterConvtnl(10)
```

NISTpascalTOpoundalPerSqrFt *Convert pascal to poundal per square foot*

Description

NISTpascalTOpoundalPerSqrFt converts from pascal (Pa) to poundal per square foot

Usage

```
NISTpascalTOpoundalPerSqrFt(pascal)
```

Arguments

pascal	pascal (Pa)

Value

poundal per square foot

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOpoundalPerSqrFt(10)
```

NISTpascalTOpoundForcePerSqrFt
Convert pascal to pound-force per square foot

Description

NISTpascalTOpoundForcePerSqrFt converts from pascal (Pa) to pound-force per square foot (lbf/ft2)

Usage

```
NISTpascalTOpoundForcePerSqrFt(pascal)
```

Arguments

pascal	pascal (Pa)

Value

pound-force per square foot (lbf/ft2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOpoundForcePerSqrFt(10)
```

NISTpascalTOpoundForcePerSqrInch
Convert pascal to pound-force per square inch

Description

NISTpascalTOpoundForcePerSqrInch converts from pascal (Pa) to pound-force per square inch (psi) (lbf/in2)

Usage

```
NISTpascalTOpoundForcePerSqrInch(pascal)
```

Arguments

pascal	pascal (Pa)

Value

pound-force per square inch (psi) (lbf/in2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOpoundForcePerSqrInch(10)
```

NISTpascalTOpsi *Convert pascal to psi*

Description

NISTpascalTOpsi converts from pascal (Pa) to psi (pound-force per square inch) (lbf/in2)

Usage

```
NISTpascalTOpsi(pascal)
```

Arguments

pascal	pascal (Pa)

Value

psi (pound-force per square inch) (lbf/in2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOpsi(10)
```

NISTpascalTOtorr *Convert pascal to torr*

Description

NISTpascalTOtorr converts from pascal (Pa) to torr (Torr)

Usage

```
NISTpascalTOtorr(pascal)
```

Arguments

pascal	pascal (Pa)

Value

torr (Torr)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpascalTOtorr(10)
```

`NISTpeckTOcubMeter` *Convert peck to cubic meter*

Description

`NISTpeckTOcubMeter` converts from peck (U.S.) (pk) to cubic meter (m3)

Usage

```
NISTpeckTOcubMeter(peck)
```

Arguments

peck	peck (U.S.) (pk)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpeckTOcubMeter(10)
```

`NISTpeckTOliter` *Convert peck to liter*

Description

`NISTpeckTOliter` converts from peck (U.S.) (pk) to liter (L)

Usage

```
NISTpeckTOliter(peck)
```

Arguments

`peck`	peck (U.S.) (pk)

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpeckTOliter(10)
```

NISTpennyweightTOgram *Convert pennyweight to gram*

Description

NISTpennyweightTOgram converts from pennyweight (dwt) to gram (g)

Usage

```
NISTpennyweightTOgram(pennyweight)
```

Arguments

pennyweight	pennyweight (dwt)

Value

gram (g)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpennyweightTOgram(10)
```

NISTpennyweightTOkg *Convert pennyweight to kilogram*

Description

NISTpennyweightTOkg converts from pennyweight (dwt) to kilogram (kg)

Usage

```
NISTpennyweightTOkg(pennyweight)
```

Arguments

pennyweight	pennyweight (dwt)

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpennyweightTOkg(10)
```

NISTperm0CtOkgPerPascalSecSqrMeter
Convert perm to kilogram per pascal second square meter

Description

NISTperm0CtOkgPerPascalSecSqrMeter converts from perm (0 C) to kilogram per pascal second square meter [kg/(Pa * s * m2)]

Usage

```
NISTperm0CtOkgPerPascalSecSqrMeter(perm0C)
```

Arguments

perm0C	perm (0 C)

Value

kilogram per pascal second square meter [kg/(Pa * s * m2)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTperm0CtOkgPerPascalSecSqrMeter(10)
```

`NISTperm23CtOkgPerPascalSecSqrMeter` *Convert perm to kilogram per pascal second square meter*

Description

`NISTperm23CtOkgPerPascalSecSqrMeter` converts from perm (23 C) to kilogram per pascal second square meter [kg/(Pa * s * m2)]

Usage

```
NISTperm23CtOkgPerPascalSecSqrMeter(perm23C)
```

Arguments

`perm23C`	perm (23 C)

Value

kilogram per pascal second square meter [kg/(Pa * s * m2)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTperm23CtOkgPerPascalSecSqrMeter(10)
```

NISTpermInch0CtOkgPerPascalSecMeter
Convert perm inch to kilogram per pascal second meter

Description

NISTpermInch0CtOkgPerPascalSecMeter converts from perm inch (0 C) to kilogram per pascal second meter [kg/(Pa*s*m)]

Usage

```
NISTpermInch0CtOkgPerPascalSecMeter(permInch0C)
```

Arguments

permInch0C	perm inch (0 C)

Value

kilogram per pascal second meter [kg/(Pa*s*m)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpermInch0CtOkgPerPascalSecMeter(10)
```

`NISTpermInch23CtOkgPerPascalSecMeter` *Convert perm inch to kilogram per pascal second meter*

Description

`NISTpermInch23CtOkgPerPascalSecMeter` converts from perm inch (23 C) to kilogram per pascal second meter [kg/(Pa*s*m)]

Usage

```
NISTpermInch23CtOkgPerPascalSecMeter(permInch23C)
```

Arguments

`permInch23C`	perm inch (23 C)

Value

kilogram per pascal second meter [kg/(Pa*s*m)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpermInch23CtOkgPerPascalSecMeter(10)
```

NISTphotTOlux *Convert phot to lux*

Description

NISTphotTOlux converts from phot (ph) to lux (lx)

Usage

```
NISTphotTOlux(phot)
```

Arguments

phot	phot (ph)

Value

lux (lx)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTphotTOlux(10)
```

`NISTpicaComputerTOmeter` *Convert pica to meter*

Description

`NISTpicaComputerTOmeter` converts from pica (computer) (1/6 in) to meter (m)

Usage

```
NISTpicaComputerTOmeter(picaComputer)
```

Arguments

`picaComputer`	pica (computer) (1/6 in)

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpicaComputerTOmeter(10)
```

NISTpicaComputerTOmillimeter
Convert pica to millimeter

Description

NISTpicaComputerTOmillimeter converts from pica (computer) (1/6 in) to millimeter (mm)

Usage

```
NISTpicaComputerTOmillimeter(picaComputer)
```

Arguments

picaComputer	pica (computer) (1/6 in)

Value

millimeter (mm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpicaComputerTOmillimeter(10)
```

`NISTpicaPrinterTOmeter` *Convert pica to meter*

Description

`NISTpicaPrinterTOmeter` converts from pica (printer's) to meter (m)

Usage

```
NISTpicaPrinterTOmeter(picaPrinter)
```

Arguments

`picaPrinter`	pica (printer's)

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpicaPrinterTOmeter(10)
```

NISTpicaPrinterTOmillimeter
Convert pica to millimeter

Description

NISTpicaPrinterTOmillimeter converts from pica (printer's) to millimeter (mm)

Usage

```
NISTpicaPrinterTOmillimeter(picaPrinter)
```

Arguments

picaPrinter	pica (printer's)

Value

millimeter (mm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpicaPrinterTOmillimeter(10)
```

`NISTpintUSdryTOcubMeter` *Convert pint to cubic meter*

Description

`NISTpintUSdryTOcubMeter` converts from pint (U.S. dry) (dry pt) to cubic meter (m3)

Usage

```
NISTpintUSdryTOcubMeter(pintUSdry)
```

Arguments

`pintUSdry`	pint (U.S. dry) (dry pt)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpintUSdryTOcubMeter(10)
```

`NISTpintUSdryTOliter` *Convert pint to liter*

Description

`NISTpintUSdryTOliter` converts from pint (U.S. dry) (dry pt) to liter (L)

Usage

```
NISTpintUSdryTOliter(pintUSdry)
```

Arguments

`pintUSdry`	pint (U.S. dry) (dry pt)

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpintUSdryTOliter(10)
```

`NISTpintUSliquidTOcubMeter` *Convert pint to cubic meter*

Description

`NISTpintUSliquidTOcubMeter` converts from pint (U.S. liquid) (liq pt) to cubic meter (m3)

Usage

```
NISTpintUSliquidTOcubMeter(pintUSliquid)
```

Arguments

`pintUSliquid`	pint (U.S. liquid) (liq pt)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpintUSliquidTOcubMeter(10)
```

NISTpintUSliquidTOliter *Convert pint to liter*

Description

NISTpintUSliquidTOliter converts from pint (U.S. liquid) (liq pt) to liter (L)

Usage

```
NISTpintUSliquidTOliter(pintUSliquid)
```

Arguments

pintUSliquid	pint (U.S. liquid) (liq pt)

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpintUSliquidTOliter(10)
```

`NISTpointComputerTOmeter` *Convert point to meter*

Description

`NISTpointComputerTOmeter` converts from point (computer) (1/72 in) to meter (m)

Usage

```
NISTpointComputerTOmeter(pointComputer)
```

Arguments

`pointComputer`	point (computer) (1/72 in)

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpointComputerTOmeter(10)
```

NISTpointComputerTOmillimeter
Convert point to millimeter

Description

NISTpointComputerTOmillimeter converts from point (computer) (1/72 in) to millimeter (mm)

Usage

```
NISTpointComputerTOmillimeter(pointComputer)
```

Arguments

pointComputer	point (computer) (1/72 in)

Value

millimeter (mm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpointComputerTOmillimeter(10)
```

`NISTpointPrinterTOmeter` *Convert point to meter*

Description

`NISTpointPrinterTOmeter` converts from point (printer's) to meter (m)

Usage

```
NISTpointPrinterTOmeter(pointPrinter)
```

Arguments

`pointPrinter`	point (printer's)

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpointPrinterTOmeter(10)
```

NISTpointPrinterTOmillimeter *Convert point to millimeter*

Description

NISTpointPrinterTOmillimeter converts from point (printer's) to millimeter (mm)

Usage

```
NISTpointPrinterTOmillimeter(pointPrinter)
```

Arguments

pointPrinter	point (printer's)

Value

millimeter (mm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpointPrinterTOmillimeter(10)
```

`NISTpoiseTOpascalSec` *Convert poise to pascal second*

Description

`NISTpoiseTOpascalSec` converts from poise (P) to pascal second (Pa * s)

Usage

```
NISTpoiseTOpascalSec(poise)
```

Arguments

`poise`	poise (P)

Value

pascal second (Pa * s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpoiseTOpascalSec(10)
```

NISTpoundalPerSqrFtTOpascal
Convert poundal per square foot to pascal

Description

NISTpoundalPerSqrFtTOpascal converts from poundal per square foot to pascal (Pa)

Usage

```
NISTpoundalPerSqrFtTOpascal(poundalPerSqrFt)
```

Arguments

poundalPerSqrFt
: poundal per square foot

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpoundalPerSqrFtTOpascal(10)
```

NISTpoundalSecPerSqrFtTOpascalSec
Convert poundal second per square foot to pascal second

Description

NISTpoundalSecPerSqrFtTOpascalSec converts from poundal second per square foot to pascal second (Pa * s)

Usage

```
NISTpoundalSecPerSqrFtTOpascalSec(poundalSecPerSqrFt)
```

Arguments

poundalSecPerSqrFt
: poundal second per square foot

Value

pascal second (Pa * s)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpoundalSecPerSqrFtTOpascalSec(10)
```

NISTpoundalTOnewton *Convert poundal to newton*

Description

NISTpoundalTOnewton converts from poundal to newton (N)

Usage

```
NISTpoundalTOnewton(poundal)
```

Arguments

poundal	poundal

Value

newton (N)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTpoundalTOnewton(10)
```

NISTpoundAvoirdupoisTOkg *Convert pound 22 to kilogram*

Description

NISTpoundAvoirdupoisTOkg converts from pound (avoirdupois) (lb) 22 to kilogram (kg)

Usage

```
NISTpoundAvoirdupoisTOkg(poundAvoirdupois)
```

Arguments

poundAvoirdupois	pound (avoirdupois) (lb) 22

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpoundAvoirdupoisTOkg(10)
```

NISTpoundForceFtPerInchTOnewtonMeterPerMeter
Convert pound-force foot per inch to newton meter per meter

Description

NISTpoundForceFtPerInchTOnewtonMeterPerMeter converts from pound-force foot per inch (lbf * ft/in) to newton meter per meter (N * m/m)

Usage

```
NISTpoundForceFtPerInchTOnewtonMeterPerMeter(poundForceFtPerInch)
```

Arguments

poundForceFtPerInch	pound-force foot per inch (lbf * ft/in)

Value

newton meter per meter (N * m/m)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTpoundForceFtPerInchTOnewtonMeterPerMeter(10)
```

NISTpoundForceFtTOnewtonMeter *Convert pound-force foot to newton meter*

Description

NISTpoundForceFtTOnewtonMeter converts from pound-force foot (lbf * ft) to newton meter (N * m)

Usage

```
NISTpoundForceFtTOnewtonMeter(poundForceFt)
```

Arguments

poundForceFt	pound-force foot (lbf * ft)

Value

newton meter (N * m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

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Examples

```
NISTpoundForceFtTOnewtonMeter(10)
```

NISTpoundForceInchPerInchTOnewtonMeterPerMeter
Convert pound-force inch per inch to newton meter per meter

Description

NISTpoundForceInchPerInchTOnewtonMeterPerMeter converts from pound-force inch per inch (lbf * in/in) to newton meter per meter (N * m/m)

Usage

```
NISTpoundForceInchPerInchTOnewtonMeterPerMeter(poundForceInchPerInch)
```

Arguments

poundForceInchPerInch	pound-force inch per inch (lbf * in/in)

Value

newton meter per meter (N * m/m)

Author(s)

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Examples

```
NISTpoundForceInchPerInchTOnewtonMeterPerMeter(10)
```

NISTpoundForceInchTOnewtonMeter
Convert pound-force inch to newton meter

Description

NISTpoundForceInchTOnewtonMeter converts from pound-force inch (lbf * in) to newton meter (N * m)

Usage

```
NISTpoundForceInchTOnewtonMeter(poundForceInch)
```

Arguments

poundForceInch	pound-force inch (lbf * in)

Value

newton meter (N * m)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

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Examples

```
NISTpoundForceInchTOnewtonMeter(10)
```

NISTpoundForcePerFtTOnewtonPerMeter
Convert pound-force per foot to newton per meter

Description

NISTpoundForcePerFtTOnewtonPerMeter converts from pound-force per foot (lbf/ft) to newton per meter (N/m)

Usage

```
NISTpoundForcePerFtTOnewtonPerMeter(poundForcePerFt)
```

Arguments

poundForcePerFt
: pound-force per foot (lbf/ft)

Value

newton per meter (N/m)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

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Examples

```
NISTpoundForcePerFtTOnewtonPerMeter(10)
```

NISTpoundForcePerInchTOnewtonPerMeter
Convert pound-force per inch to newton per meter

Description

NISTpoundForcePerInchTOnewtonPerMeter converts from pound-force per inch (lbf/in) to newton per meter (N/m)

Usage

```
NISTpoundForcePerInchTOnewtonPerMeter(poundForcePerInch)
```

Arguments

poundForcePerInch
: pound-force per inch (lbf/in)

Value

newton per meter (N/m)

Author(s)

Jose Gama

Source

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References

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Examples

```
NISTpoundForcePerInchTOnewtonPerMeter(10)
```

NISTpoundForcePerPoundTOnewtonPerKg
Convert pound-force per pound to newton per kilogram

Description

NISTpoundForcePerPoundTOnewtonPerKg converts from pound-force per pound (lbf/lb) (thrust to mass ratio) to newton per kilogram (N/kg)

Usage

```
NISTpoundForcePerPoundTOnewtonPerKg(poundForcePerPound)
```

Arguments

poundForcePerPound
: pound-force per pound (lbf/lb) (thrust to mass ratio)

Value

newton per kilogram (N/kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTpoundForcePerPoundTOnewtonPerKg(10)
```

NISTpoundForcePerSqrFtTOpascal
Convert pound-force per square foot to pascal

Description

NISTpoundForcePerSqrFtTOpascal converts from pound-force per square foot (lbf/ft2) to pascal (Pa)

Usage

```
NISTpoundForcePerSqrFtTOpascal(poundForcePerSqrFt)
```

Arguments

poundForcePerSqrFt
: pound-force per square foot (lbf/ft2)

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpoundForcePerSqrFtTOpascal(10)
```

NISTpoundForcePerSqrInchTOkpascal
Convert pound-force per square inch to kilopascal

Description

NISTpoundForcePerSqrInchTOkpascal converts from pound-force per square inch (psi) (lbf/in2) to kilopascal (kPa)

Usage

```
NISTpoundForcePerSqrInchTOkpascal(poundForcePerSqrInch)
```

Arguments

poundForcePerSqrInch
pound-force per square inch (psi) (lbf/in2)

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTpoundForcePerSqrInchTOkpascal(10)
```

NISTpoundForcePerSqrInchTOpascal
Convert pound-force per square inch to pascal

Description

NISTpoundForcePerSqrInchTOpascal converts from pound-force per square inch (psi) (lbf/in2) to pascal (Pa)

Usage

```
NISTpoundForcePerSqrInchTOpascal(poundForcePerSqrInch)
```

Arguments

poundForcePerSqrInch
pound-force per square inch (psi) (lbf/in2)

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpoundForcePerSqrInchTOpascal(10)
```

NISTpoundForceSecPerSqrFtTOpascalSec
Convert pound-force second per square foot to pascal second

Description

NISTpoundForceSecPerSqrFtTOpascalSec converts from pound-force second per square foot (lbf * s/ft2) to pascal second (Pa * s)

Usage

```
NISTpoundForceSecPerSqrFtTOpascalSec(poundForceSecPerSqrFt)
```

Arguments

poundForceSecPerSqrFt
pound-force second per square foot (lbf * s/ft2)

Value

pascal second (Pa * s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTpoundForceSecPerSqrFtTOpascalSec(10)
```

NISTpoundForceSecPerSqrInchTOpascalSec
Convert pound-force second per square inch to pascal second

Description

NISTpoundForceSecPerSqrInchTOpascalSec converts from pound-force second per square inch (lbf * s/in2) to pascal second (Pa * s)

Usage

```
NISTpoundForceSecPerSqrInchTOpascalSec(poundForceSecPerSqrInch)
```

Arguments

poundForceSecPerSqrInch
pound-force second per square inch (lbf * s/in2)

Value

pascal second (Pa * s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpoundForceSecPerSqrInchTOpascalSec(10)
```

NISTpoundForceTOnewton *Convert pound-force 23 to newton*

Description

NISTpoundForceTOnewton converts from pound-force (lbf) 23 to newton (N)

Usage

```
NISTpoundForceTOnewton(poundForce)
```

Arguments

poundForce	pound-force (lbf) 23

Value

newton (N)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpoundForceTOnewton(10)
```

NISTpoundFtSqrdTOkgMeterSqrd *Convert pound foot squared to kilogram meter squared*

Description

NISTpoundFtSqrdTOkgMeterSqrd converts from pound foot squared (lb * ft2) to kilogram meter squared (kg * m2)

Usage

```
NISTpoundFtSqrdTOkgMeterSqrd(poundFtSqrd)
```

Arguments

poundFtSqrd	pound foot squared (lb * ft2)

Value

kilogram meter squared (kg * m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTpoundFtSqrdTOkgMeterSqrd(10)
```

NISTpoundInchSqrdTOkgMeterSqrd
Convert pound inch squared to kilogram meter squared

Description

NISTpoundInchSqrdTOkgMeterSqrd converts from pound inch squared (lb * in2) to kilogram meter squared (kg *m2)

Usage

```
NISTpoundInchSqrdTOkgMeterSqrd(poundInchSqrd)
```

Arguments

poundInchSqrd	pound inch squared (lb * in2)

Value

kilogram meter squared (kg *m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTpoundInchSqrdTOkgMeterSqrd(10)
```

NISTpoundPerCubFtTOkgPerCubMeter *Convert pound per cubic foot to kilogram per cubic meter*

Description

NISTpoundPerCubFtTOkgPerCubMeter converts from pound per cubic foot (lb/ft3) to kilogram per cubic meter (kg/m3)

Usage

```
NISTpoundPerCubFtTOkgPerCubMeter(poundPerCubFt)
```

Arguments

poundPerCubFt	pound per cubic foot (lb/ft3)

Value

kilogram per cubic meter (kg/m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTpoundPerCubFtTOkgPerCubMeter(10)
```

NISTpoundPerCubInchTOkgPerCubMeter
Convert pound per cubic inch to kilogram per cubic meter

Description

NISTpoundPerCubInchTOkgPerCubMeter converts from pound per cubic inch (lb/in3) to kilogram per cubic meter (kg/m3)

Usage

```
NISTpoundPerCubInchTOkgPerCubMeter(poundPerCubInch)
```

Arguments

poundPerCubInch
pound per cubic inch (lb/in3)

Value

kilogram per cubic meter (kg/m3)

Author(s)

Jose Gama

Source

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References

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Examples

```
NISTpoundPerCubInchTOkgPerCubMeter(10)
```

NISTpoundPerCubYardTOkgPerCubMeter
Convert pound per cubic yard to kilogram per cubic meter

Description

NISTpoundPerCubYardTOkgPerCubMeter converts from pound per cubic yard (lb/yd3) to kilogram per cubic meter (kg/m3)

Usage

```
NISTpoundPerCubYardTOkgPerCubMeter(poundPerCubYard)
```

Arguments

poundPerCubYard
: pound per cubic yard (lb/yd3)

Value

kilogram per cubic meter (kg/m3)

Author(s)

Jose Gama

Source

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Examples

```
NISTpoundPerCubYardTOkgPerCubMeter(10)
```

NISTpoundPerFtHourTOpascalSec
Convert pound per foot hour to pascal second

Description

NISTpoundPerFtHourTOpascalSec converts from pound per foot hour [lb/(ft * h)] to pascal second (Pa * s)

Usage

```
NISTpoundPerFtHourTOpascalSec(poundPerFtHour)
```

Arguments

poundPerFtHour	pound per foot hour [lb/(ft * h)]

Value

pascal second (Pa * s)

Author(s)

Jose Gama

Source

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Examples

```
NISTpoundPerFtHourTOpascalSec(10)
```

NISTpoundPerFtSecTOpascalSec
Convert pound per foot second to pascal second

Description

NISTpoundPerFtSecTOpascalSec converts from pound per foot second [lb/(ft * s)] to pascal second (Pa * s)

Usage

```
NISTpoundPerFtSecTOpascalSec(poundPerFtSec)
```

Arguments

poundPerFtSec	pound per foot second [lb/(ft * s)]

Value

pascal second (Pa * s)

Author(s)

Jose Gama

Source

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Examples

```
NISTpoundPerFtSecTOpascalSec(10)
```

NISTpoundPerFtTOkgPerMeter *Convert pound per foot to kilogram per meter*

Description

NISTpoundPerFtTOkgPerMeter converts from pound per foot (lb/ft) to kilogram per meter (kg/m)

Usage

```
NISTpoundPerFtTOkgPerMeter(poundPerFt)
```

Arguments

poundPerFt	pound per foot (lb/ft)

Value

kilogram per meter (kg/m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

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Examples

```
NISTpoundPerFtTOkgPerMeter(10)
```

NISTpoundPerGallonImperialTOkgPerCubMeter
Convert pound per gallon to kilogram per cubic meter

Description

NISTpoundPerGallonImperialTOkgPerCubMeter converts from pound per gallon [Canadian and U.K. (Imperial)] (lb/gal) to kilogram per cubic meter (kg/m3)

Usage

```
NISTpoundPerGallonImperialTOkgPerCubMeter(poundPerGallonImperial)
```

Arguments

poundPerGallonImperial
: pound per gallon [Canadian and U.K. (Imperial)] (lb/gal)

Value

kilogram per cubic meter (kg/m3)

Author(s)

Jose Gama

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Examples

```
NISTpoundPerGallonImperialTOkgPerCubMeter(10)
```

NISTpoundPerGallonImperialTOkgPerLiter
Convert pound per gallon to kilogram per liter

Description

NISTpoundPerGallonImperialTOkgPerLiter converts from pound per gallon [Canadian and U.K. (Imperial)] (lb/gal) to kilogram per liter (kg/L)

Usage

```
NISTpoundPerGallonImperialTOkgPerLiter(poundPerGallonImperial)
```

Arguments

poundPerGallonImperial
: pound per gallon [Canadian and U.K. (Imperial)] (lb/gal)

Value

kilogram per liter (kg/L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpoundPerGallonImperialTOkgPerLiter(10)
```

NISTpoundPerGallonTOkgPerCubMeter
Convert pound per gallon to kilogram per cubic meter

Description

NISTpoundPerGallonTOkgPerCubMeter converts from pound per gallon (U.S.) (lb/gal) to kilogram per cubic meter (kg/m3)

Usage

```
NISTpoundPerGallonTOkgPerCubMeter(poundPerGallon)
```

Arguments

poundPerGallon	pound per gallon (U.S.) (lb/gal)

Value

kilogram per cubic meter (kg/m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpoundPerGallonTOkgPerCubMeter(10)
```

NISTpoundPerGallonTOkgPerLiter
Convert pound per gallon to kilogram per liter

Description

NISTpoundPerGallonTOkgPerLiter converts from pound per gallon (U.S.) (lb/gal) to kilogram per liter (kg/L)

Usage

```
NISTpoundPerGallonTOkgPerLiter(poundPerGallon)
```

Arguments

poundPerGallon	pound per gallon (U.S.) (lb/gal)

Value

kilogram per liter (kg/L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpoundPerGallonTOkgPerLiter(10)
```

NISTpoundPerHorsepowerHourTOkgPerJoule
Convert pound per horsepower hour to kilogram per joule

Description

NISTpoundPerHorsepowerHourTOkgPerJoule converts from pound per horsepower hour [lb/(hp * h)] to kilogram per joule (kg/J)

Usage

```
NISTpoundPerHorsepowerHourTOkgPerJoule(poundPerHorsepowerHour)
```

Arguments

poundPerHorsepowerHour
pound per horsepower hour [lb/(hp * h)]

Value

kilogram per joule (kg/J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpoundPerHorsepowerHourTOkgPerJoule(10)
```

NISTpoundPerHourTOkgPerSec *Convert pound per hour to kilogram per second*

Description

NISTpoundPerHourTOkgPerSec converts from pound per hour (lb/h) to kilogram per second (kg/s)

Usage

```
NISTpoundPerHourTOkgPerSec(poundPerHour)
```

Arguments

poundPerHour	pound per hour (lb/h)

Value

kilogram per second (kg/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpoundPerHourTOkgPerSec(10)
```

NISTpoundPerInchTOkgPerMeter
Convert pound per inch to kilogram per meter

Description

NISTpoundPerInchTOkgPerMeter converts from pound per inch (lb/in) to kilogram per meter (kg/m)

Usage

```
NISTpoundPerInchTOkgPerMeter(poundPerInch)
```

Arguments

poundPerInch	pound per inch (lb/in)

Value

kilogram per meter (kg/m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpoundPerInchTOkgPerMeter(10)
```

NISTpoundPerMinTOkgPerSec *Convert pound per minute to kilogram per second*

Description

NISTpoundPerMinTOkgPerSec converts from pound per minute (lb/min) to kilogram per second (kg/s)

Usage

```
NISTpoundPerMinTOkgPerSec(poundPerMin)
```

Arguments

poundPerMin	pound per minute (lb/min)

Value

kilogram per second (kg/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpoundPerMinTOkgPerSec(10)
```

NISTpoundPerSecTOkgPerSec *Convert pound per second to kilogram per second*

Description

NISTpoundPerSecTOkgPerSec converts from pound per second (lb/s) to kilogram per second (kg/s)

Usage

```
NISTpoundPerSecTOkgPerSec(poundPerSec)
```

Arguments

poundPerSec	pound per second (lb/s)

Value

kilogram per second (kg/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpoundPerSecTOkgPerSec(10)
```

`NISTpoundPerSqrFtTOkgPerSqrMeter`
Convert pound per square foot to kilogram per square meter

Description

`NISTpoundPerSqrFtTOkgPerSqrMeter` converts from pound per square foot (lb/ft2) to kilogram per square meter (kg/m2)

Usage

```
NISTpoundPerSqrFtTOkgPerSqrMeter(poundPerSqrFt)
```

Arguments

`poundPerSqrFt`	pound per square foot (lb/ft2)

Value

kilogram per square meter (kg/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpoundPerSqrFtTOkgPerSqrMeter(10)
```

NISTpoundPerSqrInchTOkgPerSqrMeter
Convert pound per square inch to kilogram per square meter

Description

NISTpoundPerSqrInchTOkgPerSqrMeter converts from pound per square inch (not pound-force) (lb/in2) to kilogram per square meter (kg/m2)

Usage

```
NISTpoundPerSqrInchTOkgPerSqrMeter(poundPerSqrInch)
```

Arguments

poundPerSqrInch
: pound per square inch (not pound-force) (lb/in2)

Value

kilogram per square meter (kg/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpoundPerSqrInchTOkgPerSqrMeter(10)
```

NISTpoundPerYardTOkgPerMeter *Convert pound per yard to kilogram per meter*

Description

NISTpoundPerYardTOkgPerMeter converts from pound per yard (lb/yd) to kilogram per meter (kg/m)

Usage

```
NISTpoundPerYardTOkgPerMeter(poundPerYard)
```

Arguments

poundPerYard	pound per yard (lb/yd)

Value

kilogram per meter (kg/m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpoundPerYardTOkgPerMeter(10)
```

NISTpoundTroyTOkg *Convert pound to kilogram*

Description

NISTpoundTroyTOkg converts from pound (troy or apothecary) (lb) to kilogram (kg)

Usage

```
NISTpoundTroyTOkg(poundTroy)
```

Arguments

poundTroy	pound (troy or apothecary) (lb)

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpoundTroyTOkg(10)
```

NISTpsiTOkpascal *Convert psi to kilopascal*

Description

NISTpsiTOkpascal converts from psi (pound-force per square inch) (lbf/in2) to kilopascal (kPa)

Usage

```
NISTpsiTOkpascal(psi)
```

Arguments

psi	psi (pound-force per square inch) (lbf/in2)

Value

kilopascal (kPa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpsiTOkpascal(10)
```

`NISTpsiTOpascal` *Convert psi to pascal*

Description

`NISTpsiTOpascal` converts from psi (pound-force per square inch) (lbf/in2) to pascal (Pa)

Usage

```
NISTpsiTOpascal(psi)
```

Arguments

`psi`	psi (pound-force per square inch) (lbf/in2)

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTpsiTOpascal(10)
```

NISTquadTOjoule *Convert quad 11 to joule*

Description

NISTquadTOjoule converts from quad (1015 BtuIT) 11 to joule (J)

Usage

```
NISTquadTOjoule(quad)
```

Arguments

quad	quad (1015 BtuIT) 11

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTquadTOjoule(10)
```

`NISTquartUSdryTOcubMeter` *Convert quart to cubic meter*

Description

`NISTquartUSdryTOcubMeter` converts from quart (U.S. dry) (dry qt) to cubic meter (m3)

Usage

```
NISTquartUSdryTOcubMeter(quartUSdry)
```

Arguments

`quartUSdry`	quart (U.S. dry) (dry qt)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTquartUSdryTOcubMeter(10)
```

NISTquartUSdryTOliter *Convert quart to liter*

Description

NISTquartUSdryTOliter converts from quart (U.S. dry) (dry qt) to liter (L)

Usage

```
NISTquartUSdryTOliter(quartUSdry)
```

Arguments

quartUSdry	quart (U.S. dry) (dry qt)

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTquartUSdryTOliter(10)
```

NISTquartUSliquidTOcubMeter *Convert quart to cubic meter*

Description

NISTquartUSliquidTOcubMeter converts from quart (U.S. liquid) (liq qt) to cubic meter (m3)

Usage

```
NISTquartUSliquidTOcubMeter(quartUSliquid)
```

Arguments

quartUSliquid	quart (U.S. liquid) (liq qt)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTquartUSliquidTOcubMeter(10)
```

NISTquartUSliquidTOliter *Convert quart to liter*

Description

NISTquartUSliquidTOliter converts from quart (U.S. liquid) (liq qt) to liter (L)

Usage

```
NISTquartUSliquidTOliter(quartUSliquid)
```

Arguments

quartUSliquid	quart (U.S. liquid) (liq qt)

Value

liter (L)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTquartUSliquidTOliter(10)
```

NISTradianPerSecTOrevolutionPerMin
Convert radian per second to revolution per minute

Description

NISTradianPerSecTOrevolutionPerMin converts from radian per second (rad/s) to revolution per minute (rpm) (r/min)

Usage

```
NISTradianPerSecTOrevolutionPerMin(radianPerSec)
```

Arguments

radianPerSec	radian per second (rad/s)

Value

revolution per minute (rpm) (r/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTradianPerSecTOrevolutionPerMin(10)
```

NISTradianPerSecTOrpm *Convert radian per second to rpm*

Description

NISTradianPerSecTOrpm converts from radian per second (rad/s) to rpm (revolution per minute) (r/min)

Usage

```
NISTradianPerSecTOrpm(radianPerSec)
```

Arguments

radianPerSec	radian per second (rad/s)

Value

rpm (revolution per minute) (r/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTradianPerSecTOrpm(10)
```

NISTradianTOdeg *Convert radian to degree*

Description

NISTradianTOdeg converts from radian (rad) to degree (angle) ()

Usage

```
NISTradianTOdeg(radian)
```

Arguments

radian	radian (rad)

Value

degree (angle) ()

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTradianTOdeg(10)
```

NISTradianTOgon *Convert radian to gon*

Description

NISTradianTOgon converts from radian (rad) to gon (also called grade) (gon)

Usage

```
NISTradianTOgon(radian)
```

Arguments

radian	radian (rad)

Value

gon (also called grade) (gon)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTradianTOgon(10)
```

`NISTradianTOmil` *Convert radian to mil*

Description

`NISTradianTOmil` converts from radian (rad) to mil (angle)

Usage

```
NISTradianTOmil(radian)
```

Arguments

`radian`	radian (rad)

Value

mil (angle)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTradianTOmil(10)
```

NISTradianTOmin *Convert radian to minute*

Description

NISTradianTOmin converts from radian (rad) to minute (angle) (')

Usage

```
NISTradianTOmin(radian)
```

Arguments

radian	radian (rad)

Value

minute (angle) (')

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTradianTOmin(10)
```

`NISTradianTOrevolution` *Convert radian to revolution*

Description

`NISTradianTOrevolution` converts from radian (rad) to revolution (r)

Usage

```
NISTradianTOrevolution(radian)
```

Arguments

`radian`	radian (rad)

Value

revolution (r)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTradianTOrevolution(10)
```

NISTradianTOsec *Convert radian to second*

Description

NISTradianTOsec converts from radian (rad) to second (angle) (")

Usage

```
NISTradianTOsec(radian)
```

Arguments

radian	radian (rad)

Value

second (angle) (")

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTradianTOsec(10)
```

NISTradTOgray *Convert rad to gray*

Description

NISTradTOgray converts from rad (absorbed dose) (rad) to gray (Gy)

Usage

```
NISTradTOgray(rad)
```

Arguments

rad	rad (absorbed dose) (rad)

Value

gray (Gy)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTradTOgray(10)
```

NISTreciprocalMeterTOkayser *Convert reciprocal meter to kayser*

Description

NISTreciprocalMeterTOkayser converts from reciprocal meter (m-1) to kayser (K)

Usage

```
NISTreciprocalMeterTOkayser(reciprocalMeter)
```

Arguments

reciprocalMeter	reciprocal meter (m-1)

Value

kayser (K)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTreciprocalMeterTOkayser(10)
```

NISTreciprocalPascalSec1TOrhe
Convert reciprocal pascal second -1 to rhe

Description

NISTreciprocalPascalSec1TOrhe converts from reciprocal pascal second (Pa * s)-1 to rhe

Usage

```
NISTreciprocalPascalSec1TOrhe(reciprocalPascalSec1)
```

Arguments

reciprocalPascalSec1	reciprocal pascal second (Pa * s)-1

Value

rhe

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTreciprocalPascalSec1TOrhe(10)
```

NISTremTOsievert *Convert rem to sievert*

Description

NISTremTOsievert converts from rem (rem) to sievert (Sv)

Usage

```
NISTremTOsievert(rem)
```

Arguments

rem	rem (rem)

Value

sievert (Sv)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTremTOsievert(10)
```

NISTrevolutionPerMinTOradianPerSec
Convert revolution per minute to radian per second

Description

NISTrevolutionPerMinTOradianPerSec converts from revolution per minute (rpm) (r/min) to radian per second (rad/s)

Usage

```
NISTrevolutionPerMinTOradianPerSec(revolutionPerMin)
```

Arguments

revolutionPerMin	revolution per minute (rpm) (r/min)

Value

radian per second (rad/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTrevolutionPerMinTOradianPerSec(10)
```

NISTrevolutionTOradian *Convert revolution to radian*

Description

NISTrevolutionTOradian converts from revolution (r) to radian (rad)

Usage

```
NISTrevolutionTOradian(revolution)
```

Arguments

revolution	revolution (r)

Value

radian (rad)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTrevolutionTOradian(10)
```

NISTrheTOreciprocalPascalSec1 *Convert rhe to reciprocal pascal second -1*

Description

NISTrheTOreciprocalPascalSec1 converts from rhe to reciprocal pascal second (Pa * s)-1

Usage

```
NISTrheTOreciprocalPascalSec1(rhe)
```

Arguments

rhe	rhe

Value

reciprocal pascal second (Pa * s)-1

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTrheTOreciprocalPascalSec1(10)
```

NISTrodTOmeter *Convert rod 7 to meter*

Description

NISTrodTOmeter converts from rod (based on U.S. survey foot) (rd) 7 to meter (m)

Usage

```
NISTrodTOmeter(rod)
```

Arguments

rod	rod (based on U.S. survey foot) (rd) 7

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTrodTOmeter(10)
```

NISTroentgenTOcoulombPerKg

Convert roentgen to coulomb per kilogram

Description

NISTroentgenTOcoulombPerKg converts from roentgen (R) to coulomb per kilogram (C/kg)

Usage

```
NISTroentgenTOcoulombPerKg(roentgen)
```

Arguments

roentgen	roentgen (R)

Value

coulomb per kilogram (C/kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTroentgenTOcoulombPerKg(10)
```

NISTrpmTOradianPerSec *Convert rpm to radian per second*

Description

NISTrpmTOradianPerSec converts from rpm (revolution per minute) (r/min) to radian per second (rad/s)

Usage

```
NISTrpmTOradianPerSec(rpm)
```

Arguments

rpm	rpm (revolution per minute) (r/min)

Value

radian per second (rad/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTrpmTOradianPerSec(10)
```

NISTsecTOday *Convert second to day*

Description

NISTsecTOday converts from second (s) to day (d)

Usage

```
NISTsecTOday(sec)
```

Arguments

sec	second (s)

Value

day (d)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsecTOday(10)
```

NISTsecTOdaySidereal *Convert second to day*

Description

NISTsecTOdaySidereal converts from second (s) to day (sidereal)

Usage

```
NISTsecTOdaySidereal(sec)
```

Arguments

sec	second (s)

Value

day (sidereal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsecTOdaySidereal(10)
```

NISTsecTOhour *Convert second to hour*

Description

NISTsecTOhour converts from second (s) to hour (h)

Usage

```
NISTsecTOhour(sec)
```

Arguments

sec	second (s)

Value

hour (h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsecTOhour(10)
```

NISTsecTOhourSidereal *Convert second to hour*

Description

NISTsecTOhourSidereal converts from second (s) to hour (sidereal)

Usage

```
NISTsecTOhourSidereal(sec)
```

Arguments

sec	second (s)

Value

hour (sidereal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsecTOhourSidereal(10)
```

NISTsecTOmin *Convert second to minute*

Description

NISTsecTOmin converts from second (s) to minute (min)

Usage

```
NISTsecTOmin(sec)
```

Arguments

sec	second (s)

Value

minute (min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsecTOmin(10)
```

NISTsecTOminSidereal *Convert second to minute*

Description

NISTsecTOminSidereal converts from second (s) to minute (sidereal)

Usage

```
NISTsecTOminSidereal(sec)
```

Arguments

sec	second (s)

Value

minute (sidereal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsecTOminSidereal(10)
```

NISTsecTOradian *Convert second to radian*

Description

NISTsecTOradian converts from second (angle) (”) to radian (rad)

Usage

```
NISTsecTOradian(sec)
```

Arguments

sec	second (angle) (”)

Value

radian (rad)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsecTOradian(10)
```

NISTsecTOsec *Convert second to second*

Description

NISTsecTOsec converts from second (s) to second (sidereal)

Usage

```
NISTsecTOsec(sec)
```

Arguments

sec	second (s)

Value

second (sidereal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsecTOsec(10)
```

NISTsecTOshake *Convert second to shake*

Description

NISTsecTOshake converts from second (s) to shake

Usage

```
NISTsecTOshake(sec)
```

Arguments

sec	second (s)

Value

shake

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsecTOshake(10)
```

NISTsecTOyear *Convert second to year*

Description

NISTsecTOyear converts from second (s) to year (365 days)

Usage

```
NISTsecTOyear(sec)
```

Arguments

sec	second (s)

Value

year (365 days)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsecTOyear(10)
```

`NISTsecTOyearSidereal` *Convert second to year*

Description

`NISTsecTOyearSidereal` converts from second (s) to year (sidereal)

Usage

```
NISTsecTOyearSidereal(sec)
```

Arguments

`sec`	second (s)

Value

year (sidereal)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsecTOyearSidereal(10)
```

NISTsecTOyearTropical *Convert second to year*

Description

NISTsecTOyearTropical converts from second (s) to year (tropical)

Usage

```
NISTsecTOyearTropical(sec)
```

Arguments

sec	second (s)

Value

year (tropical)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsecTOyearTropical(10)
```

NISTshakeTOnanosec *Convert shake to nanosecond*

Description

NISTshakeTOnanosec converts from shake to nanosecond (ns)

Usage

```
NISTshakeTOnanosec(shake)
```

Arguments

shake	shake

Value

nanosecond (ns)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTshakeTOnanosec(10)
```

NISTshakeTOsec *Convert shake to second*

Description

NISTshakeTOsec converts from shake to second (s)

Usage

```
NISTshakeTOsec(shake)
```

Arguments

shake	shake

Value

second (s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTshakeTOsec(10)
```

NISTsiemensTOabmho *Convert siemens to abmho*

Description

NISTsiemensTOabmho converts from siemens (S) to abmho

Usage

```
NISTsiemensTOabmho(siemens)
```

Arguments

siemens	siemens (S)

Value

abmho

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsiemensTOabmho(10)
```

NISTsiemensTOmho *Convert siemens to mho*

Description

NISTsiemensTOmho converts from siemens (S) to mho

Usage

```
NISTsiemensTOmho(siemens)
```

Arguments

siemens	siemens (S)

Value

mho

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsiemensTOmho(10)
```

`NISTsiemensTOstatmho` *Convert siemens to statmho*

Description

`NISTsiemensTOstatmho` converts from siemens (S) to statmho

Usage

```
NISTsiemensTOstatmho(siemens)
```

Arguments

`siemens`	siemens (S)

Value

statmho

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsiemensTOstatmho(10)
```

NISTsievertTOrem *Convert sievert to rem*

Description

NISTsievertTOrem converts from sievert (Sv) to rem (rem)

Usage

```
NISTsievertTOrem(sievert)
```

Arguments

sievert	sievert (Sv)

Value

rem (rem)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsievertTOrem(10)
```

`NISTslugPerCubFtTOkgPerCubMeter`
Convert slug per cubic foot to kilogram per cubic meter

Description

`NISTslugPerCubFtTOkgPerCubMeter` converts from slug per cubic foot (slug/ft3) to kilogram per cubic meter (kg/m3)

Usage

```
NISTslugPerCubFtTOkgPerCubMeter(slugPerCubFt)
```

Arguments

`slugPerCubFt`	slug per cubic foot (slug/ft3)

Value

kilogram per cubic meter (kg/m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTslugPerCubFtTOkgPerCubMeter(10)
```

NISTslugPerFtSecTOpascalSec *Convert slug per foot second to pascal second*

Description

NISTslugPerFtSecTOpascalSec converts from slug per foot second [slug/(ft * s)] to pascal second (Pa * s)

Usage

```
NISTslugPerFtSecTOpascalSec(slugPerFtSec)
```

Arguments

slugPerFtSec	slug per foot second [slug/(ft * s)]

Value

pascal second (Pa * s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTslugPerFtSecTOpascalSec(10)
```

NISTslugTOkg *Convert slug to kilogram*

Description

NISTslugTOkg converts from slug (slug) to kilogram (kg)

Usage

```
NISTslugTOkg(slug)
```

Arguments

slug	slug (slug)

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTslugTOkg(10)
```

NISTsqrCmTOsqrInch *Convert square centimeter to square inch*

Description

NISTsqrCmTOsqrInch converts from square centimeter (cm2) to square inch (in2)

Usage

```
NISTsqrCmTOsqrInch(sqrCm)
```

Arguments

sqrCm	square centimeter (cm2)

Value

square inch (in2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsqrCmTOsqrInch(10)
```

`NISTsqrFtPerHourTOsqrMeterPerSec`
Convert square foot per hour to square meter per second

Description

`NISTsqrFtPerHourTOsqrMeterPerSec` converts from square foot per hour (ft2/h) to square meter per second (m2/s)

Usage

```
NISTsqrFtPerHourTOsqrMeterPerSec(sqrFtPerHour)
```

Arguments

`sqrFtPerHour`	square foot per hour (ft2/h)

Value

square meter per second (m2/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsqrFtPerHourTOsqrMeterPerSec(10)
```

NISTsqrFtPerSecTOsqrMeterPerSec
Convert square foot per second to square meter per second

Description

NISTsqrFtPerSecTOsqrMeterPerSec converts from square foot per second (ft2/s) to square meter per second (m2/s)

Usage

```
NISTsqrFtPerSecTOsqrMeterPerSec(sqrFtPerSec)
```

Arguments

sqrFtPerSec	square foot per second (ft2/s)

Value

square meter per second (m2/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsqrFtPerSecTOsqrMeterPerSec(10)
```

`NISTsqrFtTOsqrMeter` *Convert square foot to square meter*

Description

`NISTsqrFtTOsqrMeter` converts from square foot (ft2) to square meter (m2)

Usage

```
NISTsqrFtTOsqrMeter(sqrFt)
```

Arguments

`sqrFt`	square foot (ft2)

Value

square meter (m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsqrFtTOsqrMeter(10)
```

NISTsqrInchTOsqrCm *Convert square inch to square centimeter*

Description

NISTsqrInchTOsqrCm converts from square inch (in2) to square centimeter (cm2)

Usage

```
NISTsqrInchTOsqrCm(sqrInch)
```

Arguments

sqrInch	square inch (in2)

Value

square centimeter (cm2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsqrInchTOsqrCm(10)
```

`NISTsqrInchTOsqrMeter` *Convert square inch to square meter*

Description

`NISTsqrInchTOsqrMeter` converts from square inch (in2) to square meter (m2)

Usage

```
NISTsqrInchTOsqrMeter(sqrInch)
```

Arguments

`sqrInch`	square inch (in2)

Value

square meter (m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsqrInchTOsqrMeter(10)
```

NISTsqrKmTOsqrMile *Convert square kilometer to square mile*

Description

NISTsqrKmTOsqrMile converts from square kilometer (km2) to square mile (mi2)

Usage

```
NISTsqrKmTOsqrMile(sqrKm)
```

Arguments

sqrKm	square kilometer (km2)

Value

square mile (mi2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsqrKmTOsqrMile(10)
```

`NISTsqrKmTOsqrMileUSsurvey`
Convert square kilometer to square mile 7

Description

`NISTsqrKmTOsqrMileUSsurvey` converts from square kilometer (km2) to square mile (based on U.S. survey foot) (mi2) 7

Usage

```
NISTsqrKmTOsqrMileUSsurvey(sqrKm)
```

Arguments

`sqrKm`	square kilometer (km2)

Value

square mile (based on U.S. survey foot) (mi2) 7

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTsqrKmTOsqrMileUSsurvey(10)
```

NISTsqrMeterKPerWattTOclo *Convert square meter kelvin per watt to clo*

Description

NISTsqrMeterKPerWattTOclo converts from square meter kelvin per watt (m2 * K/W) to clo

Usage

```
NISTsqrMeterKPerWattTOclo(sqrMeterKPerWatt)
```

Arguments

sqrMeterKPerWatt	square meter kelvin per watt (m2 * K/W)

Value

clo

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTsqrMeterKPerWattTOclo(10)
```

NISTsqrMeterKPerWattTOdegFHourSqrFtPerUkThUnIT
Convert square meter kelvin per watt to degree Fahrenheit hour square foot per British thermal unitIT

Description

NISTsqrMeterKPerWattTOdegFHourSqrFtPerUkThUnIT converts from square meter kelvin per watt (m2 * K/W) to degree Fahrenheit hour square foot per British thermal unitIT (F * h * ft2/BtuIT)

Usage

```
NISTsqrMeterKPerWattTOdegFHourSqrFtPerUkThUnIT(sqrMeterKPerWatt)
```

Arguments

sqrMeterKPerWatt	square meter kelvin per watt (m2 * K/W)

Value

degree Fahrenheit hour square foot per British thermal unitIT (F * h * ft2/BtuIT)

Author(s)

Jose Gama

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References

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Examples

```
NISTsqrMeterKPerWattTOdegFHourSqrFtPerUkThUnIT(10)
```

NISTsqrMeterKPerWattTOdegFHourSqrFtPerUkThUnth
Convert square meter kelvin per watt to degree Fahrenheit hour square foot per British thermal unitth

Description

NISTsqrMeterKPerWattTOdegFHourSqrFtPerUkThUnth converts from square meter kelvin per watt (m2 * K/W) to degree Fahrenheit hour square foot per British thermal unitth (F * h * ft2/Btuth)

Usage

```
NISTsqrMeterKPerWattTOdegFHourSqrFtPerUkThUnth(sqrMeterKPerWatt)
```

Arguments

sqrMeterKPerWatt
: square meter kelvin per watt (m2 * K/W)

Value

degree Fahrenheit hour square foot per British thermal unitth (F * h * ft2/Btuth)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTsqrMeterKPerWattTOdegFHourSqrFtPerUkThUnth(10)
```

NISTsqrMeterPerSecTOsqrFtPerHour *Convert square meter per second to square foot per hour*

Description

NISTsqrMeterPerSecTOsqrFtPerHour converts from square meter per second (m2/s) to square foot per hour (ft2/h)

Usage

```
NISTsqrMeterPerSecTOsqrFtPerHour(sqrMeterPerSec)
```

Arguments

sqrMeterPerSec	square meter per second (m2/s)

Value

square foot per hour (ft2/h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTsqrMeterPerSecTOsqrFtPerHour(10)
```

NISTsqrMeterPerSecTOsqrFtPerSec
Convert square meter per second to square foot per second

Description

NISTsqrMeterPerSecTOsqrFtPerSec converts from square meter per second (m2/s) to square foot per second (ft2/s)

Usage

```
NISTsqrMeterPerSecTOsqrFtPerSec(sqrMeterPerSec)
```

Arguments

sqrMeterPerSec	square meter per second (m2/s)

Value

square foot per second (ft2/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsqrMeterPerSecTOsqrFtPerSec(10)
```

NISTsqrMeterTOacre *Convert square meter to acre 7*

Description

NISTsqrMeterTOacre converts from square meter (m2) to acre (based on U.S. survey foot) 7

Usage

```
NISTsqrMeterTOacre(sqrMeter)
```

Arguments

sqrMeter	square meter (m2)

Value

acre (based on U.S. survey foot) 7

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsqrMeterTOacre(10)
```

NISTsqrMeterTOare *Convert square meter to are*

Description

NISTsqrMeterTOare converts from square meter (m2) to are (a)

Usage

```
NISTsqrMeterTOare(sqrMeter)
```

Arguments

sqrMeter	square meter (m2)

Value

are (a)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsqrMeterTOare(10)
```

NISTsqrMeterTObarn *Convert square meter to barn*

Description

NISTsqrMeterTObarn converts from square meter (m2) to barn (b)

Usage

```
NISTsqrMeterTObarn(sqrMeter)
```

Arguments

sqrMeter	square meter (m2)

Value

barn (b)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsqrMeterTObarn(10)
```

NISTsqrMeterTOcircularMil *Convert square meter to circular mil*

Description

NISTsqrMeterTOcircularMil converts from square meter (m2) to circular mil

Usage

```
NISTsqrMeterTOcircularMil(sqrMeter)
```

Arguments

sqrMeter	square meter (m2)

Value

circular mil

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsqrMeterTOcircularMil(10)
```

NISTsqrMeterTOhectare *Convert square meter to hectare*

Description

NISTsqrMeterTOhectare converts from square meter (m2) to hectare (ha)

Usage

```
NISTsqrMeterTOhectare(sqrMeter)
```

Arguments

sqrMeter	square meter (m2)

Value

hectare (ha)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsqrMeterTOhectare(10)
```

NISTsqrMeterTOsqrFt *Convert square meter to square foot*

Description

NISTsqrMeterTOsqrFt converts from square meter (m2) to square foot (ft2)

Usage

```
NISTsqrMeterTOsqrFt(sqrMeter)
```

Arguments

sqrMeter	square meter (m2)

Value

square foot (ft2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTsqrMeterTOsqrFt(10)
```

`NISTsqrMeterTOsqrInch` *Convert square meter to square inch*

Description

`NISTsqrMeterTOsqrInch` converts from square meter (m2) to square inch (in2)

Usage

```
NISTsqrMeterTOsqrInch(sqrMeter)
```

Arguments

`sqrMeter`	square meter (m2)

Value

square inch (in2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTsqrMeterTOsqrInch(10)
```

NISTsqrMeterTOsqrMile *Convert square meter to square mile*

Description

NISTsqrMeterTOsqrMile converts from square meter (m2) to square mile (mi2)

Usage

```
NISTsqrMeterTOsqrMile(sqrMeter)
```

Arguments

sqrMeter	square meter (m2)

Value

square mile (mi2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTsqrMeterTOsqrMile(10)
```

`NISTsqrMeterTOsqrMileUSsurvey` *Convert square meter to square mile 7*

Description

`NISTsqrMeterTOsqrMileUSsurvey` converts from square meter (m2) to square mile (based on U.S. survey foot) (mi2) 7

Usage

```
NISTsqrMeterTOsqrMileUSsurvey(sqrMeter)
```

Arguments

`sqrMeter`	square meter (m2)

Value

square mile (based on U.S. survey foot) (mi2) 7

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTsqrMeterTOsqrMileUSsurvey(10)
```

NISTsqrMeterTOsqrYard *Convert square meter to square yard*

Description

NISTsqrMeterTOsqrYard converts from square meter (m2) to square yard (yd2)

Usage

```
NISTsqrMeterTOsqrYard(sqrMeter)
```

Arguments

sqrMeter	square meter (m2)

Value

square yard (yd2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsqrMeterTOsqrYard(10)
```

NISTsqrMileTOsqrKm *Convert square mile to square kilometer*

Description

NISTsqrMileTOsqrKm converts from square mile (mi2) to square kilometer (km2)

Usage

```
NISTsqrMileTOsqrKm(sqrMile)
```

Arguments

sqrMile	square mile (mi2)

Value

square kilometer (km2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

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Examples

```
NISTsqrMileTOsqrKm(10)
```

NISTsqrMileTOsqrMeter *Convert square mile to square meter*

Description

NISTsqrMileTOsqrMeter converts from square mile (mi2) to square meter (m2)

Usage

```
NISTsqrMileTOsqrMeter(sqrMile)
```

Arguments

sqrMile	square mile (mi2)

Value

square meter (m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTsqrMileTOsqrMeter(10)
```

NISTsqrMileUSsurveyTOsqrKm *Convert square mile 7 to square kilometer*

Description

NISTsqrMileUSsurveyTOsqrKm converts from square mile (based on U.S. survey foot) (mi2) 7 to square kilometer (km2)

Usage

```
NISTsqrMileUSsurveyTOsqrKm(sqrMileUSsurvey)
```

Arguments

sqrMileUSsurvey	square mile (based on U.S. survey foot) (mi2) 7

Value

square kilometer (km2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTsqrMileUSsurveyTOsqrKm(10)
```

NISTsqrMileUSsurveyTOsqrMeter
Convert square mile 7 to square meter

Description

NISTsqrMileUSsurveyTOsqrMeter converts from square mile (based on U.S. survey foot) (mi2) 7 to square meter (m2)

Usage

```
NISTsqrMileUSsurveyTOsqrMeter(sqrMileUSsurvey)
```

Arguments

sqrMileUSsurvey	square mile (based on U.S. survey foot) (mi2) 7

Value

square meter (m2)

Author(s)

Jose Gama

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National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTsqrMileUSsurveyTOsqrMeter(10)
```

NISTsqrMillimeterTOcircularMil
Convert square millimeter to circular mil

Description

NISTsqrMillimeterTOcircularMil converts from square millimeter (mm2) to circular mil

Usage

```
NISTsqrMillimeterTOcircularMil(sqrMillimeter)
```

Arguments

sqrMillimeter	square millimeter (mm2)

Value

circular mil

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsqrMillimeterTOcircularMil(10)
```

NISTsqrYardTOsqrMeter *Convert square yard to square meter*

Description

NISTsqrYardTOsqrMeter converts from square yard (yd2) to square meter (m2)

Usage

```
NISTsqrYardTOsqrMeter(sqrYard)
```

Arguments

sqrYard	square yard (yd2)

Value

square meter (m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTsqrYardTOsqrMeter(10)
```

NISTstatampereTOampere *Convert statampere to ampere*

Description

NISTstatampereTOampere converts from statampere to ampere (A)

Usage

```
NISTstatampereTOampere(statampere)
```

Arguments

statampere	statampere

Value

ampere (A)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTstatampereTOampere(10)
```

NISTstatcoulombTOcoulomb *Convert statcoulomb to coulomb*

Description

NISTstatcoulombTOcoulomb converts from statcoulomb to coulomb (C)

Usage

```
NISTstatcoulombTOcoulomb(statcoulomb)
```

Arguments

statcoulomb	statcoulomb

Value

coulomb (C)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTstatcoulombTOcoulomb(10)
```

NISTstatfaradTOfarad *Convert statfarad to farad*

Description

NISTstatfaradTOfarad converts from statfarad to farad (F)

Usage

```
NISTstatfaradTOfarad(statfarad)
```

Arguments

statfarad	statfarad

Value

farad (F)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTstatfaradTOfarad(10)
```

NISTstathenryTOhenry *Convert stathenry to henry*

Description

NISTstathenryTOhenry converts from stathenry to henry (H)

Usage

```
NISTstathenryTOhenry(stathenry)
```

Arguments

stathenry	stathenry

Value

henry (H)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTstathenryTOhenry(10)
```

NISTstatmhoTOsiemens *Convert statmho to siemens*

Description

NISTstatmhoTOsiemens converts from statmho to siemens (S)

Usage

```
NISTstatmhoTOsiemens(statmho)
```

Arguments

statmho	statmho

Value

siemens (S)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTstatmhoTOsiemens(10)
```

NISTstatohmTOohm *Convert statohm to ohm*

Description

NISTstatohmTOohm converts from statohm to ohm (ohm)

Usage

```
NISTstatohmTOohm(statohm)
```

Arguments

statohm	statohm

Value

ohm (ohm)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTstatohmTOohm(10)
```

`NISTstatvoltTOvolt` *Convert statvolt to volt*

Description

`NISTstatvoltTOvolt` converts from statvolt to volt (V)

Usage

```
NISTstatvoltTOvolt(statvolt)
```

Arguments

`statvolt`	statvolt

Value

volt (V)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTstatvoltTOvolt(10)
```

NISTstereTOcubMeter *Convert stere to cubic meter*

Description

NISTstereTOcubMeter converts from stere (st) to cubic meter (m3)

Usage

```
NISTstereTOcubMeter(stere)
```

Arguments

stere	stere (st)

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTstereTOcubMeter(10)
```

NISTstilbTOcandelaPerSqrMeter *Convert stilb to candela per square meter*

Description

NISTstilbTOcandelaPerSqrMeter converts from stilb (sb) to candela per square meter (cd/m2)

Usage

```
NISTstilbTOcandelaPerSqrMeter(stilb)
```

Arguments

stilb	stilb (sb)

Value

candela per square meter (cd/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTstilbTOcandelaPerSqrMeter(10)
```

NISTstokesTOmeterSqrdPerSec
Convert stokes to meter squared per second

Description

NISTstokesTOmeterSqrdPerSec converts from stokes (St) to meter squared per second (m2/s)

Usage

```
NISTstokesTOmeterSqrdPerSec(stokes)
```

Arguments

stokes	stokes (St)

Value

meter squared per second (m2/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTstokesTOmeterSqrdPerSec(10)
```

NISTtablespoonTOcubMeter *Convert tablespoon to cubic meter*

Description

NISTtablespoonTOcubMeter converts from tablespoon to cubic meter (m3)

Usage

```
NISTtablespoonTOcubMeter(tablespoon)
```

Arguments

tablespoon	tablespoon

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTtablespoonTOcubMeter(10)
```

NISTtablespoonTOml *Convert tablespoon to milliliter*

Description

NISTtablespoonTOml converts from tablespoon to milliliter (mL)

Usage

```
NISTtablespoonTOml(tablespoon)
```

Arguments

tablespoon	tablespoon

Value

milliliter (mL)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTtablespoonTOml(10)
```

NISTteaspoonTOcubMeter *Convert teaspoon to cubic meter*

Description

NISTteaspoonTOcubMeter converts from teaspoon to cubic meter (m3)

Usage

```
NISTteaspoonTOcubMeter(teaspoon)
```

Arguments

teaspoon	teaspoon

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTteaspoonTOcubMeter(10)
```

NISTteaspoonTOml *Convert teaspoon to milliliter*

Description

NISTteaspoonTOml converts from teaspoon to milliliter (mL)

Usage

```
NISTteaspoonTOml(teaspoon)
```

Arguments

teaspoon	teaspoon

Value

milliliter (mL)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTteaspoonTOml(10)
```

NISTteslaTOgamma *Convert tesla to gamma*

Description

NISTteslaTOgamma converts from tesla (T) to gamma (y)

Usage

```
NISTteslaTOgamma(tesla)
```

Arguments

tesla	tesla (T)

Value

gamma (y)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTteslaTOgamma(10)
```

`NISTteslaTOgauss` *Convert tesla to gauss*

Description

`NISTteslaTOgauss` converts from tesla (T) to gauss (Gs, G)

Usage

```
NISTteslaTOgauss(tesla)
```

Arguments

`tesla`	tesla (T)

Value

gauss (Gs, G)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTteslaTOgauss(10)
```

NISTtexTOkgPerMeter *Convert tex to kilogram per meter*

Description

NISTtexTOkgPerMeter converts from tex to kilogram per meter (kg/m)

Usage

```
NISTtexTOkgPerMeter(tex)
```

Arguments

tex	tex

Value

kilogram per meter (kg/m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTtexTOkgPerMeter(10)
```

NISTthermECtOjoule *Convert therm 24 to joule*

Description

NISTthermECtOjoule converts from therm (EC) 24 to joule (J)

Usage

```
NISTthermECtOjoule(thermEC)
```

Arguments

thermEC	therm (EC) 24

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTthermECtOjoule(10)
```

NISTthermUStOjoule *Convert therm 24 to joule*

Description

NISTthermUStOjoule converts from therm (U.S.) 24 to joule (J)

Usage

```
NISTthermUStOjoule(thermUS)
```

Arguments

thermUS	therm (U.S.) 24

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTthermUStOjoule(10)
```

NISTtonAssayTOgram *Convert ton, assay to gram*

Description

NISTtonAssayTOgram converts from ton, assay (AT) to gram (g)

Usage

```
NISTtonAssayTOgram(tonAssay)
```

Arguments

tonAssay	ton, assay (AT)

Value

gram (g)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTtonAssayTOgram(10)
```

NISTtonAssayTOkg *Convert ton, assay to kilogram*

Description

NISTtonAssayTOkg converts from ton, assay (AT) to kilogram (kg)

Usage

```
NISTtonAssayTOkg(tonAssay)
```

Arguments

tonAssay	ton, assay (AT)

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTtonAssayTOkg(10)
```

NISTtonForceTOkilonewton *Convert ton-force to kilonewton*

Description

NISTtonForceTOkilonewton converts from ton-force (2000 lbf) to kilonewton (kN)

Usage

```
NISTtonForceTOkilonewton(tonForce)
```

Arguments

tonForce	ton-force (2000 lbf)

Value

kilonewton (kN)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTtonForceTOkilonewton(10)
```

NISTtonForceTOnewton *Convert ton-force to newton*

Description

NISTtonForceTOnewton converts from ton-force (2000 lbf) to newton (N)

Usage

```
NISTtonForceTOnewton(tonForce)
```

Arguments

tonForce	ton-force (2000 lbf)

Value

newton (N)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTtonForceTOnewton(10)
```

NISTtonLongPerCubYardTOkgPerCubMeter
Convert ton, long, per cubic yard to kilogram per cubic meter

Description

NISTtonLongPerCubYardTOkgPerCubMeter converts from ton, long, per cubic yard to kilogram per cubic meter (kg/m3)

Usage

```
NISTtonLongPerCubYardTOkgPerCubMeter(tonLongPerCubYard)
```

Arguments

tonLongPerCubYard
ton, long, per cubic yard

Value

kilogram per cubic meter (kg/m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTtonLongPerCubYardTOkgPerCubMeter(10)
```

NISTtonLongTOkg *Convert ton, long to kilogram*

Description

NISTtonLongTOkg converts from ton, long (2240 lb) to kilogram (kg)

Usage

```
NISTtonLongTOkg(tonLong)
```

Arguments

tonLong	ton, long (2240 lb)

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTtonLongTOkg(10)
```

NISTtonneTOkg *Convert tonne to kilogram*

Description

NISTtonneTOkg converts from tonne (called metric ton in U.S.) (t) to kilogram (kg)

Usage

```
NISTtonneTOkg(tonne)
```

Arguments

tonne	tonne (called metric ton in U.S.) (t)

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTtonneTOkg(10)
```

NISTtonOfRefrigerationTOwatt *Convert ton of refrigeration to watt*

Description

NISTtonOfRefrigerationTOwatt converts from ton of refrigeration (12 000 BtuIT/h) to watt (W)

Usage

```
NISTtonOfRefrigerationTOwatt(tonOfRefrigeration)
```

Arguments

tonOfRefrigeration	ton of refrigeration (12 000 BtuIT/h)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTtonOfRefrigerationTOwatt(10)
```

NISTtonOfTNTtOjoule *Convert ton of TNT 25 to joule*

Description

NISTtonOfTNTtOjoule converts from ton of TNT (energy equivalent) 25 to joule (J)

Usage

```
NISTtonOfTNTtOjoule(tonOfTNT)
```

Arguments

tonOfTNT	ton of TNT (energy equivalent) 25

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTtonOfTNTtOjoule(10)
```

NISTtonRegisterTOcubMeter *Convert ton, register to cubic meter*

Description

NISTtonRegisterTOcubMeter converts from ton, register to cubic meter (m3)

Usage

```
NISTtonRegisterTOcubMeter(tonRegister)
```

Arguments

tonRegister	ton, register

Value

cubic meter (m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTtonRegisterTOcubMeter(10)
```

NISTtonShortPerCubYardTOkgPerCubMeter
Convert ton, short, per cubic yard to kilogram per cubic meter

Description

NISTtonShortPerCubYardTOkgPerCubMeter converts from ton, short, per cubic yard to kilogram per cubic meter (kg/m3)

Usage

```
NISTtonShortPerCubYardTOkgPerCubMeter(tonShortPerCubYard)
```

Arguments

tonShortPerCubYard	ton, short, per cubic yard

Value

kilogram per cubic meter (kg/m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTtonShortPerCubYardTOkgPerCubMeter(10)
```

NISTtonShortPerHourTOkgPerSec
Convert ton, short, per hour to kilogram per second

Description

NISTtonShortPerHourTOkgPerSec converts from ton, short, per hour to kilogram per second (kg/s)

Usage

```
NISTtonShortPerHourTOkgPerSec(tonShortPerHour)
```

Arguments

tonShortPerHour	ton, short, per hour

Value

kilogram per second (kg/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTtonShortPerHourTOkgPerSec(10)
```

NISTtonShortTOkg *Convert ton, short to kilogram*

Description

NISTtonShortTOkg converts from ton, short (2000 lb) to kilogram (kg)

Usage

```
NISTtonShortTOkg(tonShort)
```

Arguments

tonShort	ton, short (2000 lb)

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTtonShortTOkg(10)
```

NISTtonSItOkg *Convert ton, metric to kilogram*

Description

NISTtonSItOkg converts from ton, metric (t) to kilogram (kg)

Usage

```
NISTtonSItOkg(tonSI)
```

Arguments

tonSI	ton, metric (t)

Value

kilogram (kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTtonSItOkg(10)
```

NISTtorrTOpascal *Convert torr to pascal*

Description

NISTtorrTOpascal converts from torr (Torr) to pascal (Pa)

Usage

```
NISTtorrTOpascal(torr)
```

Arguments

torr	torr (Torr)

Value

pascal (Pa)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTtorrTOpascal(10)
```

NISTukThUn39FtOjoule *Convert British thermal unit to joule*

Description

NISTukThUn39FtOjoule converts from British thermal unit (39 F) (Btu) to joule (J)

Usage

```
NISTukThUn39FtOjoule(ukThUn39F)
```

Arguments

ukThUn39F	British thermal unit (39 F) (Btu)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUn39FtOjoule(10)
```

NISTukThUn59FtOjoule *Convert British thermal unit to joule*

Description

NISTukThUn59FtOjoule converts from British thermal unit (59 F) (Btu) to joule (J)

Usage

```
NISTukThUn59FtOjoule(ukThUn59F)
```

Arguments

ukThUn59F	British thermal unit (59 F) (Btu)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUn59FtOjoule(10)
```

NISTukThUn60FtOjoule *Convert British thermal unit to joule*

Description

NISTukThUn60FtOjoule converts from British thermal unit (60 F) (Btu) to joule (J)

Usage

```
NISTukThUn60FtOjoule(ukThUn60F)
```

Arguments

ukThUn60F	British thermal unit (60 F) (Btu)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUn60FtOjoule(10)
```

NISTukThUnITFtPerHourSqrFtDegFtOwattPerMeterK
Convert British thermal unitIT foot per hour square foot degree Fahrenheit to watt per meter kelvin

Description

NISTukThUnITFtPerHourSqrFtDegFtOwattPerMeterK converts from British thermal unitIT foot per hour square foot degree Fahrenheit [BtuIT * ft/(h * ft2 * F)] to watt per meter kelvin [W/(m * K)]

Usage

```
NISTukThUnITFtPerHourSqrFtDegFtOwattPerMeterK(ukThUnITFtPerHourSqrFtDegF)
```

Arguments

ukThUnITFtPerHourSqrFtDegF
: British thermal unitIT foot per hour square foot degree Fahrenheit [BtuIT * ft/(h * ft2 * F)]

Value

watt per meter kelvin [W/(m * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnITFtPerHourSqrFtDegFtOwattPerMeterK(10)
```

NISTukThUnITInchPerHourSqrFtDegFtOwattPerMeterK
Convert British thermal unitIT inch per hour square foot degree Fahrenheit to watt per meter kelvin

Description

NISTukThUnITInchPerHourSqrFtDegFtOwattPerMeterK converts from British thermal unitIT inch per hour square foot degree Fahrenheit [BtuIT * in/(h * ft2 * F)] to watt per meter kelvin [W/(m * K)]

Usage

```
NISTukThUnITInchPerHourSqrFtDegFtOwattPerMeterK(ukThUnITInchPerHourSqrFtDegF)
```

Arguments

ukThUnITInchPerHourSqrFtDegF
: British thermal unitIT inch per hour square foot degree Fahrenheit [BtuIT * in/(h * ft2 * F)]

Value

watt per meter kelvin [W/(m * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnITInchPerHourSqrFtDegFtOwattPerMeterK(10)
```

NISTukThUnITInchPerSecSqrFtDegFtOwattPerMeterK
Convert British thermal unitIT inch per second square foot degree Fahrenheit to watt per meter kelvin

Description

NISTukThUnITInchPerSecSqrFtDegFtOwattPerMeterK converts from British thermal unitIT inch per second square foot degree Fahrenheit [BtuIT * in /(s * ft2 * F)] to watt per meter kelvin [W/(m * K)]

Usage

```
NISTukThUnITInchPerSecSqrFtDegFtOwattPerMeterK(ukThUnITInchPerSecSqrFtDegF)
```

Arguments

ukThUnITInchPerSecSqrFtDegF
: British thermal unitIT inch per second square foot degree Fahrenheit [BtuIT * in /(s * ft2 * F)]

Value

watt per meter kelvin [W/(m * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnITInchPerSecSqrFtDegFtOwattPerMeterK(10)
```

`NISTukThUnITPerCubFtTOjoulePerCubMeter`
Convert British thermal unitIT per cubic foot to joule per cubic meter

Description

`NISTukThUnITPerCubFtTOjoulePerCubMeter` converts from British thermal unitIT per cubic foot (BtuIT/ft3) to joule per cubic meter (J/m3)

Usage

```
NISTukThUnITPerCubFtTOjoulePerCubMeter(ukThUnITPerCubFt)
```

Arguments

`ukThUnITPerCubFt`
British thermal unitIT per cubic foot (BtuIT/ft3)

Value

joule per cubic meter (J/m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnITPerCubFtTOjoulePerCubMeter(10)
```

NISTukThUnITPerDegFtOjoulePerK
Convert British thermal unitIT per degree Fahrenheit to joule per kelvin

Description

NISTukThUnITPerDegFtOjoulePerK converts from British thermal unitIT per degree Fahrenheit (BtuIT/F) to joule per kelvin (J/K)

Usage

```
NISTukThUnITPerDegFtOjoulePerK(ukThUnITPerDegF)
```

Arguments

ukThUnITPerDegF
British thermal unitIT per degree Fahrenheit (BtuIT/F)

Value

joule per kelvin (J/K)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnITPerDegFtOjoulePerK(10)
```

NISTukThUnITPerDegRankineTOjoulePerK
Convert British thermal unitIT per degree Rankine to joule per kelvin

Description

NISTukThUnITPerDegRankineTOjoulePerK converts from British thermal unitIT per degree Rankine (BtuIT/R) to joule per kelvin (J/K)

Usage

```
NISTukThUnITPerDegRankineTOjoulePerK(ukThUnITPerDegRankine)
```

Arguments

ukThUnITPerDegRankine
: British thermal unitIT per degree Rankine (BtuIT/R)

Value

joule per kelvin (J/K)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnITPerDegRankineTOjoulePerK(10)
```

NISTukThUnITPerHourSqrFtDegFtOwattPerSqrMeterK
Convert British thermal unitIT per hour square foot degree Fahrenheit to watt per square meter kelvin

Description

NISTukThUnITPerHourSqrFtDegFtOwattPerSqrMeterK converts from British thermal unitIT per hour square foot degree Fahrenheit [BtuIT/(h * ft2 * F)] to watt per square meter kelvin [W/(m2 * K)]

Usage

```
NISTukThUnITPerHourSqrFtDegFtOwattPerSqrMeterK(ukThUnITPerHourSqrFtDegF)
```

Arguments

ukThUnITPerHourSqrFtDegF
: British thermal unitIT per hour square foot degree Fahrenheit [BtuIT/(h * ft2 * F)]

Value

watt per square meter kelvin [W/(m2 * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnITPerHourSqrFtDegFtOwattPerSqrMeterK(10)
```

NISTukThUnITPerHourTOwatt
Convert British thermal unitIT per hour to watt

Description

NISTukThUnITPerHourTOwatt converts from British thermal unitIT per hour (BtuIT/h) to watt (W)

Usage

```
NISTukThUnITPerHourTOwatt(ukThUnITPerHour)
```

Arguments

ukThUnITPerHour
British thermal unitIT per hour (BtuIT/h)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnITPerHourTOwatt(10)
```

NISTukThUnITPerPoundDegFtOjoulePerKgK
Convert British thermal unitIT per pound degree Fahrenheit to joule per kilogram kelvin

Description

NISTukThUnITPerPoundDegFtOjoulePerKgK converts from British thermal unitIT per pound degree Fahrenheit [BtuIT/(lb * F)] to joule per kilogram kelvin [J/(kg * K)]

Usage

```
NISTukThUnITPerPoundDegFtOjoulePerKgK(ukThUnITPerPoundDegF)
```

Arguments

ukThUnITPerPoundDegF
: British thermal unitIT per pound degree Fahrenheit [BtuIT/(lb * F)]

Value

joule per kilogram kelvin [J/(kg * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnITPerPoundDegFtOjoulePerKgK(10)
```

NISTukThUnITPerPoundDegRankineTOjoulePerKgK
Convert British thermal unitIT per pound degree Rankine to joule per kilogram kelvin

Description

NISTukThUnITPerPoundDegRankineTOjoulePerKgK converts from British thermal unitIT per pound degree Rankine [BtuIT/(lb * R)] to joule per kilogram kelvin [J/(kg * K)]

Usage

```
NISTukThUnITPerPoundDegRankineTOjoulePerKgK(ukThUnITPerPoundDegRankine)
```

Arguments

ukThUnITPerPoundDegRankine
: British thermal unitIT per pound degree Rankine [BtuIT/(lb * R)]

Value

joule per kilogram kelvin [J/(kg * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnITPerPoundDegRankineTOjoulePerKgK(10)
```

NISTukThUnITPerPoundTOjoulePerKg
Convert British thermal unitIT per pound to joule per kilogram

Description

NISTukThUnITPerPoundTOjoulePerKg converts from British thermal unitIT per pound (BtuIT/lb) to joule per kilogram (J/kg)

Usage

```
NISTukThUnITPerPoundTOjoulePerKg(ukThUnITPerPound)
```

Arguments

ukThUnITPerPound
British thermal unitIT per pound (BtuIT/lb)

Value

joule per kilogram (J/kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnITPerPoundTOjoulePerKg(10)
```

NISTukThUnITPerSecSqrFtDegFtOwattPerSqrMeterK
Convert British thermal unitIT per second square foot degree Fahrenheit to watt per square meter kelvin

Description

NISTukThUnITPerSecSqrFtDegFtOwattPerSqrMeterK converts from British thermal unitIT per second square foot degree Fahrenheit [BtuIT/(s * ft2 * F)] to watt per square meter kelvin [W/(m2 * K)]

Usage

```
NISTukThUnITPerSecSqrFtDegFtOwattPerSqrMeterK(ukThUnITPerSecSqrFtDegF)
```

Arguments

ukThUnITPerSecSqrFtDegF
: British thermal unitIT per second square foot degree Fahrenheit [BtuIT/(s * ft2 * F)]

Value

watt per square meter kelvin [W/(m2 * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnITPerSecSqrFtDegFtOwattPerSqrMeterK(10)
```

NISTukThUnITPerSecTOwatt *Convert British thermal unitIT per second to watt*

Description

NISTukThUnITPerSecTOwatt converts from British thermal unitIT per second (BtuIT/s) to watt (W)

Usage

```
NISTukThUnITPerSecTOwatt(ukThUnITPerSec)
```

Arguments

ukThUnITPerSec	British thermal unitIT per second (BtuIT/s)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnITPerSecTOwatt(10)
```

`NISTukThUnITPerSqrFtHourTOwattPerSqrMeter`
Convert British thermal unitIT per square foot hour to watt per square meter

Description

`NISTukThUnITPerSqrFtHourTOwattPerSqrMeter` converts from British thermal unitIT per square foot hour [BtuIT/(ft2 * h)] to watt per square meter (W/m2)

Usage

```
NISTukThUnITPerSqrFtHourTOwattPerSqrMeter(ukThUnITPerSqrFtHour)
```

Arguments

`ukThUnITPerSqrFtHour`
British thermal unitIT per square foot hour [BtuIT/(ft2 * h)]

Value

watt per square meter (W/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnITPerSqrFtHourTOwattPerSqrMeter(10)
```

`NISTukThUnITPerSqrFtSecTOwattPerSqrMeter` *Convert British thermal unitIT per square foot second to watt per square meter*

Description

`NISTukThUnITPerSqrFtSecTOwattPerSqrMeter` converts from British thermal unitIT per square foot second [BtuIT/(ft2 * s)] to watt per square meter (W/m2)

Usage

```
NISTukThUnITPerSqrFtSecTOwattPerSqrMeter(ukThUnITPerSqrFtSec)
```

Arguments

`ukThUnITPerSqrFtSec` British thermal unitIT per square foot second [BtuIT/(ft2 * s)]

Value

watt per square meter (W/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnITPerSqrFtSecTOwattPerSqrMeter(10)
```

NISTukThUnITPerSqrFtTOjoulePerSqrMeter
Convert British thermal unitIT per square foot to joule per square meter

Description

NISTukThUnITPerSqrFtTOjoulePerSqrMeter converts from British thermal unitIT per square foot (BtuIT/ft2) to joule per square meter (J/m2)

Usage

```
NISTukThUnITPerSqrFtTOjoulePerSqrMeter(ukThUnITPerSqrFt)
```

Arguments

ukThUnITPerSqrFt
British thermal unitIT per square foot (BtuIT/ft2)

Value

joule per square meter (J/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnITPerSqrFtTOjoulePerSqrMeter(10)
```

NISTukThUnITtOjoule *Convert British thermal unitIT 9 to joule*

Description

NISTukThUnITtOjoule converts from British thermal unitIT (BtuIT) 9 to joule (J)

Usage

```
NISTukThUnITtOjoule(ukThUnIT)
```

Arguments

ukThUnIT	British thermal unitIT (BtuIT) 9

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnITtOjoule(10)
```

NISTukThUnthFtPerHourSqrFtDegFtOwattPerMeterK
Convert British thermal unitth foot per hour square foot degree Fahrenheit to watt per meter kelvin

Description

NISTukThUnthFtPerHourSqrFtDegFtOwattPerMeterK converts from British thermal unitth foot per hour square foot degree Fahrenheit [Btuth * ft/(h * ft2 * F)] to watt per meter kelvin [W/(m * K)]

Usage

```
NISTukThUnthFtPerHourSqrFtDegFtOwattPerMeterK(ukThUnthFtPerHourSqrFtDegF)
```

Arguments

ukThUnthFtPerHourSqrFtDegF
: British thermal unitth foot per hour square foot degree Fahrenheit [Btuth * ft/(h * ft2 * F)]

Value

watt per meter kelvin [W/(m * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnthFtPerHourSqrFtDegFtOwattPerMeterK(10)
```

NISTukThUnthInchPerHourSqrFtDegFtOwattPerMeterK
Convert British thermal unitth inch per hour square foot degree Fahrenheit to watt per meter kelvin

Description

NISTukThUnthInchPerHourSqrFtDegFtOwattPerMeterK converts from British thermal unitth inch per hour square foot degree Fahrenheit [Btuth * in/(h * ft2 * F)] to watt per meter kelvin [W / (m * K)]

Usage

```
NISTukThUnthInchPerHourSqrFtDegFtOwattPerMeterK(ukThUnthInchPerHourSqrFtDegF)
```

Arguments

ukThUnthInchPerHourSqrFtDegF
: British thermal unitth inch per hour square foot degree Fahrenheit [Btuth * in/(h * ft2 * F)]

Value

watt per meter kelvin [W / (m * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnthInchPerHourSqrFtDegFtOwattPerMeterK(10)
```

NISTukThUnthInchPerSecSqrFtDegFtOwattPerMeterK
Convert British thermal unitth inch per second square foot degree Fahrenheit to watt per meter kelvin

Description

NISTukThUnthInchPerSecSqrFtDegFtOwattPerMeterK converts from British thermal unitth inch per second square foot degree Fahrenheit [Btuth * in /(s * ft2 * F)] to watt per meter kelvin [W/(m * K)]

Usage

```
NISTukThUnthInchPerSecSqrFtDegFtOwattPerMeterK(ukThUnthInchPerSecSqrFtDegF)
```

Arguments

ukThUnthInchPerSecSqrFtDegF
: British thermal unitth inch per second square foot degree Fahrenheit [Btuth * in /(s * ft2 * F)]

Value

watt per meter kelvin [W/(m * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnthInchPerSecSqrFtDegFtOwattPerMeterK(10)
```

NISTukThUnthPerCubFtTOjoulePerCubMeter
Convert British thermal unitth per cubic foot to joule per cubic meter

Description

NISTukThUnthPerCubFtTOjoulePerCubMeter converts from British thermal unitth per cubic foot (Btuth/ft3) to joule per cubic meter (J/m3)

Usage

```
NISTukThUnthPerCubFtTOjoulePerCubMeter(ukThUnthPerCubFt)
```

Arguments

ukThUnthPerCubFt
: British thermal unitth per cubic foot (Btuth/ft3)

Value

joule per cubic meter (J/m3)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnthPerCubFtTOjoulePerCubMeter(10)
```

NISTukThUnthPerDegFtOjoulePerK
Convert British thermal unitth per degree Fahrenheit to joule per kelvin

Description

NISTukThUnthPerDegFtOjoulePerK converts from British thermal unitth per degree Fahrenheit (Btuth/F) to joule per kelvin (J/K)

Usage

```
NISTukThUnthPerDegFtOjoulePerK(ukThUnthPerDegF)
```

Arguments

ukThUnthPerDegF
British thermal unitth per degree Fahrenheit (Btuth/F)

Value

joule per kelvin (J/K)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnthPerDegFtOjoulePerK(10)
```

NISTukThUnthPerDegRankineTOjoulePerK
Convert British thermal unitth per degree Rankine to joule per kelvin

Description

NISTukThUnthPerDegRankineTOjoulePerK converts from British thermal unitth per degree Rankine (Btuth/R) to joule per kelvin (J/K)

Usage

```
NISTukThUnthPerDegRankineTOjoulePerK(ukThUnthPerDegRankine)
```

Arguments

ukThUnthPerDegRankine
: British thermal unitth per degree Rankine (Btuth/R)

Value

joule per kelvin (J/K)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnthPerDegRankineTOjoulePerK(10)
```

NISTukThUnthPerHourSqrFtDegFtOwattPerSqrMeterK
Convert British thermal unitth per hour square foot degree Fahrenheit to watt per square meter kelvin

Description

NISTukThUnthPerHourSqrFtDegFtOwattPerSqrMeterK converts from British thermal unitth per hour square foot degree Fahrenheit [Btuth/(h * ft2 * F)] to watt per square meter kelvin [W/(m2 * K)]

Usage

```
NISTukThUnthPerHourSqrFtDegFtOwattPerSqrMeterK(ukThUnthPerHourSqrFtDegF)
```

Arguments

ukThUnthPerHourSqrFtDegF
: British thermal unitth per hour square foot degree Fahrenheit [Btuth/(h * ft2 * F)]

Value

watt per square meter kelvin [W/(m2 * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnthPerHourSqrFtDegFtOwattPerSqrMeterK(10)
```

NISTukThUnthPerHourTOwatt
Convert British thermal unitth per hour to watt

Description

NISTukThUnthPerHourTOwatt converts from British thermal unitth per hour (Btuth/h) to watt (W)

Usage

```
NISTukThUnthPerHourTOwatt(ukThUnthPerHour)
```

Arguments

ukThUnthPerHour
British thermal unitth per hour (Btuth/h)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnthPerHourTOwatt(10)
```

NISTukThUnthPerMinTOwatt *Convert British thermal unitth per minute to watt*

Description

NISTukThUnthPerMinTOwatt converts from British thermal unitth per minute (Btuth/min) to watt (W)

Usage

```
NISTukThUnthPerMinTOwatt(ukThUnthPerMin)
```

Arguments

ukThUnthPerMin	British thermal unitth per minute (Btuth/min)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnthPerMinTOwatt(10)
```

NISTukThUnthPerPoundDegFtOjoulePerKgK
Convert British thermal unitth per pound degree Fahrenheit to joule per kilogram kelvin

Description

NISTukThUnthPerPoundDegFtOjoulePerKgK converts from British thermal unitth per pound degree Fahrenheit [Btuth/(lb * F)] to joule per kilogram kelvin [J/(kg * K)]

Usage

```
NISTukThUnthPerPoundDegFtOjoulePerKgK(ukThUnthPerPoundDegF)
```

Arguments

ukThUnthPerPoundDegF
: British thermal unitth per pound degree Fahrenheit [Btuth/(lb * F)]

Value

joule per kilogram kelvin [J/(kg * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnthPerPoundDegFtOjoulePerKgK(10)
```

NISTukThUnthPerPoundDegRankineTOjoulePerKgK
Convert British thermal unitth per pound degree Rankine to joule per kilogram kelvin

Description

NISTukThUnthPerPoundDegRankineTOjoulePerKgK converts from British thermal unitth per pound degree Rankine [Btuth/(lb * R)] to joule per kilogram kelvin [J/(kg * K)]

Usage

```
NISTukThUnthPerPoundDegRankineTOjoulePerKgK(ukThUnthPerPoundDegRankine)
```

Arguments

ukThUnthPerPoundDegRankine
: British thermal unitth per pound degree Rankine [Btuth/(lb * R)]

Value

joule per kilogram kelvin [J/(kg * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnthPerPoundDegRankineTOjoulePerKgK(10)
```

NISTukThUnthPerPoundTOjoulePerKg
Convert British thermal unitth per pound to joule per kilogram

Description

NISTukThUnthPerPoundTOjoulePerKg converts from British thermal unitth per pound (Btuth/lb) to joule per kilogram (J/kg)

Usage

```
NISTukThUnthPerPoundTOjoulePerKg(ukThUnthPerPound)
```

Arguments

ukThUnthPerPound
British thermal unitth per pound (Btuth/lb)

Value

joule per kilogram (J/kg)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnthPerPoundTOjoulePerKg(10)
```

NISTukThUnthPerSecSqrFtDegFtOwattPerSqrMeterK
Convert British thermal unitth per second square foot degree Fahrenheit to watt per square meter kelvin

Description

NISTukThUnthPerSecSqrFtDegFtOwattPerSqrMeterK converts from British thermal unitth per second square foot degree Fahrenheit [Btuth/(s * ft2 * F)] to watt per square meter kelvin [W/(m2 * K)]

Usage

```
NISTukThUnthPerSecSqrFtDegFtOwattPerSqrMeterK(ukThUnthPerSecSqrFtDegF)
```

Arguments

ukThUnthPerSecSqrFtDegF
: British thermal unitth per second square foot degree Fahrenheit [Btuth/(s * ft2 * F)]

Value

watt per square meter kelvin [W/(m2 * K)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnthPerSecSqrFtDegFtOwattPerSqrMeterK(10)
```

NISTukThUnthPerSecTOwatt

Convert British thermal unitth per second to watt

Description

NISTukThUnthPerSecTOwatt converts from British thermal unitth per second (Btuth/s) to watt (W)

Usage

```
NISTukThUnthPerSecTOwatt(ukThUnthPerSec)
```

Arguments

ukThUnthPerSec	British thermal unitth per second (Btuth/s)

Value

watt (W)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnthPerSecTOwatt(10)
```

NISTukThUnthPerSqrFtHourTOwattPerSqrMeter
Convert British thermal unitth per square foot hour to watt per square meter

Description

NISTukThUnthPerSqrFtHourTOwattPerSqrMeter converts from British thermal unitth per square foot hour [Btuth/(ft2 * h)] to watt per square meter (W/m2)

Usage

```
NISTukThUnthPerSqrFtHourTOwattPerSqrMeter(ukThUnthPerSqrFtHour)
```

Arguments

ukThUnthPerSqrFtHour
British thermal unitth per square foot hour [Btuth/(ft2 * h)]

Value

watt per square meter (W/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnthPerSqrFtHourTOwattPerSqrMeter(10)
```

NISTukThUnthPerSqrFtMinTOwattPerSqrMeter
Convert British thermal unitth per square foot minute to watt per square meter

Description

NISTukThUnthPerSqrFtMinTOwattPerSqrMeter converts from British thermal unitth per square foot minute [Btuth/(ft2 * min)] to watt per square meter (W/m2)

Usage

```
NISTukThUnthPerSqrFtMinTOwattPerSqrMeter(ukThUnthPerSqrFtMin)
```

Arguments

ukThUnthPerSqrFtMin
British thermal unitth per square foot minute [Btuth/(ft2 * min)]

Value

watt per square meter (W/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnthPerSqrFtMinTOwattPerSqrMeter(10)
```

`NISTukThUnthPerSqrFtSecTOwattPerSqrMeter`
Convert British thermal unitth per square foot second to watt per square meter

Description

`NISTukThUnthPerSqrFtSecTOwattPerSqrMeter` converts from British thermal unitth per square foot second [Btuth/(ft2 * s)] to watt per square meter (W/m2)

Usage

```
NISTukThUnthPerSqrFtSecTOwattPerSqrMeter(ukThUnthPerSqrFtSec)
```

Arguments

`ukThUnthPerSqrFtSec`
British thermal unitth per square foot second [Btuth/(ft2 * s)]

Value

watt per square meter (W/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnthPerSqrFtSecTOwattPerSqrMeter(10)
```

`NISTukThUnthPerSqrFtTOjoulePerSqrMeter`
Convert British thermal unitth per square foot to joule per square meter

Description

`NISTukThUnthPerSqrFtTOjoulePerSqrMeter` converts from British thermal unitth per square foot (Btuth/ft2) to joule per square meter (J/m2)

Usage

```
NISTukThUnthPerSqrFtTOjoulePerSqrMeter(ukThUnthPerSqrFt)
```

Arguments

`ukThUnthPerSqrFt`
British thermal unitth per square foot (Btuth/ft2)

Value

joule per square meter (J/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnthPerSqrFtTOjoulePerSqrMeter(10)
```

`NISTukThUnthPerSqrInchSecTOwattPerSqrMeter` *Convert British thermal unitth per square inch second to watt per square meter*

Description

`NISTukThUnthPerSqrInchSecTOwattPerSqrMeter` converts from British thermal unitth per square inch second [Btuth/(in2 * s)] to watt per square meter (W/m2)

Usage

```
NISTukThUnthPerSqrInchSecTOwattPerSqrMeter(ukThUnthPerSqrInchSec)
```

Arguments

`ukThUnthPerSqrInchSec` British thermal unitth per square inch second [Btuth/(in2 * s)]

Value

watt per square meter (W/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnthPerSqrInchSecTOwattPerSqrMeter(10)
```

NISTukThUnthTOjoule *Convert British thermal unitth 9 to joule*

Description

NISTukThUnthTOjoule converts from British thermal unitth (Btuth) 9 to joule (J)

Usage

```
NISTukThUnthTOjoule(ukThUnth)
```

Arguments

ukThUnth	British thermal unitth (Btuth) 9

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnthTOjoule(10)
```

NISTukThUnTOjoule *Convert British thermal unit to joule*

Description

NISTukThUnTOjoule converts from British thermal unit (mean) (Btu) to joule (J)

Usage

```
NISTukThUnTOjoule(ukThUn)
```

Arguments

ukThUn	British thermal unit (mean) (Btu)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTukThUnTOjoule(10)
```

NISTunPoleTOweber *Convert unit pole to weber*

Description

NISTunPoleTOweber converts from unit pole to weber (Wb)

Usage

```
NISTunPoleTOweber(unPole)
```

Arguments

unPole	unit pole

Value

weber (Wb)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTunPoleTOweber(10)
```

`NISTvoltTOabvolt` *Convert volt to abvolt*

Description

`NISTvoltTOabvolt` converts from volt (V) to abvolt

Usage

```
NISTvoltTOabvolt(volt)
```

Arguments

`volt`	volt (V)

Value

abvolt

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTvoltTOabvolt(10)
```

NISTvoltToEMUOfElectricPotential
Convert volt to EMU of electric potential

Description

NISTvoltToEMUOfElectricPotential converts from volt (V) to EMU of electric potential (abvolt)

Usage

```
NISTvoltToEMUOfElectricPotential(volt)
```

Arguments

volt	volt (V)

Value

EMU of electric potential (abvolt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTvoltToEMUOfElectricPotential(10)
```

NISTvoltToESUOfElectricPotential
Convert volt to ESU of electric potential

Description

NISTvoltToESUOfElectricPotential converts from volt (V) to ESU of electric potential (statvolt)

Usage

```
NISTvoltToESUOfElectricPotential(volt)
```

Arguments

volt	volt (V)

Value

ESU of electric potential (statvolt)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTvoltToESUOfElectricPotential(10)
```

NISTvoltTOstatvolt *Convert volt to statvolt*

Description

NISTvoltTOstatvolt converts from volt (V) to statvolt

Usage

```
NISTvoltTOstatvolt(volt)
```

Arguments

volt	volt (V)

Value

statvolt

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTvoltTOstatvolt(10)
```

NISTwattHourTOjoule *Convert watt hour to joule*

Description

NISTwattHourTOjoule converts from watt hour (W * h) to joule (J)

Usage

```
NISTwattHourTOjoule(wattHour)
```

Arguments

wattHour	watt hour (W * h)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattHourTOjoule(10)
```

NISTwattPerMeterKtOcalthPerCmSecDegC *Convert watt per meter kelvin to calorieth per centimeter second degree Celsius*

Description

NISTwattPerMeterKtOcalthPerCmSecDegC converts from watt per meter kelvin [W/(m * K)] to calorieth per centimeter second degree Celsius [calth/(cm * s * C)]

Usage

```
NISTwattPerMeterKtOcalthPerCmSecDegC(wattPerMeterK)
```

Arguments

wattPerMeterK	watt per meter kelvin [W/(m * K)]

Value

calorieth per centimeter second degree Celsius [calth/(cm * s * C)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattPerMeterKtOcalthPerCmSecDegC(10)
```

NISTwattPerMeterKtOukThUnITFtPerHourSqrFtDegF
Convert watt per meter kelvin to British thermal unitIT foot per hour square foot degree Fahrenheit

Description

NISTwattPerMeterKtOukThUnITFtPerHourSqrFtDegF converts from watt per meter kelvin [W/(m * K)] to British thermal unitIT foot per hour square foot degree Fahrenheit [BtuIT * ft/(h * ft2 * F)]

Usage

```
NISTwattPerMeterKtOukThUnITFtPerHourSqrFtDegF(wattPerMeterK)
```

Arguments

wattPerMeterK	watt per meter kelvin [W/(m * K)]

Value

British thermal unitIT foot per hour square foot degree Fahrenheit [BtuIT * ft/(h * ft2 * F)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattPerMeterKtOukThUnITFtPerHourSqrFtDegF(10)
```

NISTwattPerMeterKtOukThUnITInchPerHourSqrFtDegF
Convert watt per meter kelvin to British thermal unitIT inch per hour square foot degree Fahrenheit

Description

NISTwattPerMeterKtOukThUnITInchPerHourSqrFtDegF converts from watt per meter kelvin [W/(m * K)] to British thermal unitIT inch per hour square foot degree Fahrenheit [BtuIT * in/(h * ft2 * F)]

Usage

```
NISTwattPerMeterKtOukThUnITInchPerHourSqrFtDegF(wattPerMeterK)
```

Arguments

wattPerMeterK	watt per meter kelvin [W/(m * K)]

Value

British thermal unitIT inch per hour square foot degree Fahrenheit [BtuIT * in/(h * ft2 * F)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattPerMeterKtOukThUnITInchPerHourSqrFtDegF(10)
```

NISTwattPerMeterKtOukThUnITInchPerSecSqrFtDegF *Convert watt per meter kelvin to British thermal unitIT inch per second square foot degree Fahrenheit*

Description

NISTwattPerMeterKtOukThUnITInchPerSecSqrFtDegF converts from watt per meter kelvin [W/(m * K)] to British thermal unitIT inch per second square foot degree Fahrenheit [BtuIT * in /(s * ft2 * F)]

Usage

```
NISTwattPerMeterKtOukThUnITInchPerSecSqrFtDegF(wattPerMeterK)
```

Arguments

wattPerMeterK	watt per meter kelvin [W/(m * K)]

Value

British thermal unitIT inch per second square foot degree Fahrenheit [BtuIT * in /(s * ft2 * F)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattPerMeterKtOukThUnITInchPerSecSqrFtDegF(10)
```

NISTwattPerMeterKtOukThUnthFtPerHourSqrFtDegF
Convert watt per meter kelvin to British thermal unitth foot per hour square foot degree Fahrenheit

Description

NISTwattPerMeterKtOukThUnthFtPerHourSqrFtDegF converts from watt per meter kelvin [W/(m * K)] to British thermal unitth foot per hour square foot degree Fahrenheit [Btuth * ft/(h * ft2 * F)]

Usage

```
NISTwattPerMeterKtOukThUnthFtPerHourSqrFtDegF(wattPerMeterK)
```

Arguments

wattPerMeterK	watt per meter kelvin [W/(m * K)]

Value

British thermal unitth foot per hour square foot degree Fahrenheit [Btuth * ft/(h * ft2 * F)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTwattPerMeterKtOukThUnthFtPerHourSqrFtDegF(10)
```

NISTwattPerMeterKtOukThUnthInchPerHourSqrFtDegF *Convert watt per meter kelvin to British thermal unitth inch per hour square foot degree Fahrenheit*

Description

NISTwattPerMeterKtOukThUnthInchPerHourSqrFtDegF converts from watt per meter kelvin [W / (m * K)] to British thermal unitth inch per hour square foot degree Fahrenheit [Btuth * in/(h * ft2 * F)]

Usage

```
NISTwattPerMeterKtOukThUnthInchPerHourSqrFtDegF(wattPerMeterK)
```

Arguments

wattPerMeterK	watt per meter kelvin [W / (m * K)]

Value

British thermal unitth inch per hour square foot degree Fahrenheit [Btuth * in/(h * ft2 * F)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattPerMeterKtOukThUnthInchPerHourSqrFtDegF(10)
```

NISTwattPerMeterKtOukThUnthInchPerSecSqrFtDegF
Convert watt per meter kelvin to British thermal unitth inch per second square foot degree Fahrenheit

Description

NISTwattPerMeterKtOukThUnthInchPerSecSqrFtDegF converts from watt per meter kelvin [W/(m * K)] to British thermal unitth inch per second square foot degree Fahrenheit [Btuth * in /(s * ft2 * F)]

Usage

```
NISTwattPerMeterKtOukThUnthInchPerSecSqrFtDegF(wattPerMeterK)
```

Arguments

wattPerMeterK	watt per meter kelvin [W/(m * K)]

Value

British thermal unitth inch per second square foot degree Fahrenheit [Btuth * in /(s * ft2 * F)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattPerMeterKtOukThUnthInchPerSecSqrFtDegF(10)
```

`NISTwattPerSqrCmTOwattPerSqrMeter` *Convert watt per square centimeter to watt per square meter*

Description

`NISTwattPerSqrCmTOwattPerSqrMeter` converts from watt per square centimeter (W/cm2) to watt per square meter (W/m2)

Usage

```
NISTwattPerSqrCmTOwattPerSqrMeter(wattPerSqrCm)
```

Arguments

`wattPerSqrCm`	watt per square centimeter (W/cm2)

Value

watt per square meter (W/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattPerSqrCmTOwattPerSqrMeter(10)
```

`NISTwattPerSqrInchTOwattPerSqrMeter` *Convert watt per square inch to watt per square meter*

Description

`NISTwattPerSqrInchTOwattPerSqrMeter` converts from watt per square inch (W/in2) to watt per square meter (W/m2)

Usage

```
NISTwattPerSqrInchTOwattPerSqrMeter(wattPerSqrInch)
```

Arguments

`wattPerSqrInch`	watt per square inch (W/in2)

Value

watt per square meter (W/m2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattPerSqrInchTOwattPerSqrMeter(10)
```

NISTwattPerSqrMeterKtOukThUnITPerHourSqrFtDegF
Convert watt per square meter kelvin to British thermal unitIT per hour square foot degree Fahrenheit

Description

NISTwattPerSqrMeterKtOukThUnITPerHourSqrFtDegF converts from watt per square meter kelvin [W/(m2 * K)] to British thermal unitIT per hour square foot degree Fahrenheit [BtuIT/(h * ft2 * F)]

Usage

```
NISTwattPerSqrMeterKtOukThUnITPerHourSqrFtDegF(wattPerSqrMeterK)
```

Arguments

wattPerSqrMeterK	watt per square meter kelvin [W/(m2 * K)]

Value

British thermal unitIT per hour square foot degree Fahrenheit [BtuIT/(h * ft2 * F)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattPerSqrMeterKtOukThUnITPerHourSqrFtDegF(10)
```

NISTwattPerSqrMeterKtOukThUnITPerSecSqrFtDegF
Convert watt per square meter kelvin to British thermal unitIT per second square foot degree Fahrenheit

Description

NISTwattPerSqrMeterKtOukThUnITPerSecSqrFtDegF converts from watt per square meter kelvin [W/(m2 * K)] to British thermal unitIT per second square foot degree Fahrenheit [BtuIT/(s * ft2 * F)]

Usage

```
NISTwattPerSqrMeterKtOukThUnITPerSecSqrFtDegF(wattPerSqrMeterK)
```

Arguments

wattPerSqrMeterK	watt per square meter kelvin [W/(m2 * K)]

Value

British thermal unitIT per second square foot degree Fahrenheit [BtuIT/(s * ft2 * F)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattPerSqrMeterKtOukThUnITPerSecSqrFtDegF(10)
```

NISTwattPerSqrMeterKtOukThUnthPerHourSqrFtDegF
Convert watt per square meter kelvin to British thermal unitth per hour square foot degree Fahrenheit

Description

NISTwattPerSqrMeterKtOukThUnthPerHourSqrFtDegF converts from watt per square meter kelvin [W/(m2 * K)] to British thermal unitth per hour square foot degree Fahrenheit [Btuth/(h * ft2 * F)]

Usage

```
NISTwattPerSqrMeterKtOukThUnthPerHourSqrFtDegF(wattPerSqrMeterK)
```

Arguments

wattPerSqrMeterK	watt per square meter kelvin [W/(m2 * K)]

Value

British thermal unitth per hour square foot degree Fahrenheit [Btuth/(h * ft2 * F)]

Author(s)

Jose Gama

Source

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References

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Examples

```
NISTwattPerSqrMeterKtOukThUnthPerHourSqrFtDegF(10)
```

NISTwattPerSqrMeterKtOukThUnthPerSecSqrFtDegF
Convert watt per square meter kelvin to British thermal unitth per second square foot degree Fahrenheit

Description

NISTwattPerSqrMeterKtOukThUnthPerSecSqrFtDegF converts from watt per square meter kelvin [W/(m2 * K)] to British thermal unitth per second square foot degree Fahrenheit [Btuth/(s * ft2 * F)]

Usage

```
NISTwattPerSqrMeterKtOukThUnthPerSecSqrFtDegF(wattPerSqrMeterK)
```

Arguments

wattPerSqrMeterK
watt per square meter kelvin [W/(m2 * K)]

Value

British thermal unitth per second square foot degree Fahrenheit [Btuth/(s * ft2 * F)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattPerSqrMeterKtOukThUnthPerSecSqrFtDegF(10)
```

`NISTwattPerSqrMeterTOcalthPerSqrCmMin` *Convert watt per square meter to calorieth per square centimeter minute*

Description

`NISTwattPerSqrMeterTOcalthPerSqrCmMin` converts from watt per square meter (W/m2) to calorieth per square centimeter minute [calth/(cm2 * min)]

Usage

```
NISTwattPerSqrMeterTOcalthPerSqrCmMin(wattPerSqrMeter)
```

Arguments

`wattPerSqrMeter` watt per square meter (W/m2)

Value

calorieth per square centimeter minute [calth/(cm2 * min)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

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Examples

```
NISTwattPerSqrMeterTOcalthPerSqrCmMin(10)
```

NISTwattPerSqrMeterTOcalthPerSqrCmSec
Convert watt per square meter to calorieth per square centimeter second

Description

NISTwattPerSqrMeterTOcalthPerSqrCmSec converts from watt per square meter (W/m2) to calorieth per square centimeter second [calth/(cm2 * s)]

Usage

```
NISTwattPerSqrMeterTOcalthPerSqrCmSec(wattPerSqrMeter)
```

Arguments

wattPerSqrMeter	watt per square meter (W/m2)

Value

calorieth per square centimeter second [calth/(cm2 * s)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattPerSqrMeterTOcalthPerSqrCmSec(10)
```

`NISTwattPerSqrMeterTOergPerSqrCmSec` *Convert watt per square meter to erg per square centimeter second*

Description

`NISTwattPerSqrMeterTOergPerSqrCmSec` converts from watt per square meter (W/m2) to erg per square centimeter second [erg/(cm2 * s)]

Usage

```
NISTwattPerSqrMeterTOergPerSqrCmSec(wattPerSqrMeter)
```

Arguments

`wattPerSqrMeter`	watt per square meter (W/m2)

Value

erg per square centimeter second [erg/(cm2 * s)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattPerSqrMeterTOergPerSqrCmSec(10)
```

NISTwattPerSqrMeterTOukThUnITPerSqrFtHour
Convert watt per square meter to British thermal unitIT per square foot hour

Description

NISTwattPerSqrMeterTOukThUnITPerSqrFtHour converts from watt per square meter (W/m2) to British thermal unitIT per square foot hour [BtuIT/(ft2 * h)]

Usage

```
NISTwattPerSqrMeterTOukThUnITPerSqrFtHour(wattPerSqrMeter)
```

Arguments

wattPerSqrMeter	watt per square meter (W/m2)

Value

British thermal unitIT per square foot hour [BtuIT/(ft2 * h)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattPerSqrMeterTOukThUnITPerSqrFtHour(10)
```

`NISTwattPerSqrMeterTOukThUnITPerSqrFtSec` *Convert watt per square meter to British thermal unitIT per square foot second*

Description

`NISTwattPerSqrMeterTOukThUnITPerSqrFtSec` converts from watt per square meter (W/m2) to British thermal unitIT per square foot second [BtuIT/(ft2 * s)]

Usage

```
NISTwattPerSqrMeterTOukThUnITPerSqrFtSec(wattPerSqrMeter)
```

Arguments

`wattPerSqrMeter`	watt per square meter (W/m2)

Value

British thermal unitIT per square foot second [BtuIT/(ft2 * s)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattPerSqrMeterTOukThUnITPerSqrFtSec(10)
```

NISTwattPerSqrMeterTOukThUnthPerSqrFtHour
Convert watt per square meter to British thermal unitth per square foot hour

Description

NISTwattPerSqrMeterTOukThUnthPerSqrFtHour converts from watt per square meter (W/m2) to British thermal unitth per square foot hour [Btuth/(ft2 * h)]

Usage

```
NISTwattPerSqrMeterTOukThUnthPerSqrFtHour(wattPerSqrMeter)
```

Arguments

wattPerSqrMeter
: watt per square meter (W/m2)

Value

British thermal unitth per square foot hour [Btuth/(ft2 * h)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattPerSqrMeterTOukThUnthPerSqrFtHour(10)
```

`NISTwattPerSqrMeterTOukThUnthPerSqrFtMin` *Convert watt per square meter to British thermal unitth per square foot minute*

Description

`NISTwattPerSqrMeterTOukThUnthPerSqrFtMin` converts from watt per square meter (W/m2) to British thermal unitth per square foot minute [Btuth/(ft2 * min)]

Usage

```
NISTwattPerSqrMeterTOukThUnthPerSqrFtMin(wattPerSqrMeter)
```

Arguments

`wattPerSqrMeter`	watt per square meter (W/m2)

Value

British thermal unitth per square foot minute [Btuth/(ft2 * min)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattPerSqrMeterTOukThUnthPerSqrFtMin(10)
```

NISTwattPerSqrMeterTOukThUnthPerSqrFtSec
Convert watt per square meter to British thermal unitth per square foot second

Description

NISTwattPerSqrMeterTOukThUnthPerSqrFtSec converts from watt per square meter (W/m2) to British thermal unitth per square foot second [Btuth/(ft2 * s)]

Usage

```
NISTwattPerSqrMeterTOukThUnthPerSqrFtSec(wattPerSqrMeter)
```

Arguments

wattPerSqrMeter	watt per square meter (W/m2)

Value

British thermal unitth per square foot second [Btuth/(ft2 * s)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattPerSqrMeterTOukThUnthPerSqrFtSec(10)
```

`NISTwattPerSqrMeterTOukThUnthPerSqrInchSec` *Convert watt per square meter to British thermal unitth per square inch second*

Description

`NISTwattPerSqrMeterTOukThUnthPerSqrInchSec` converts from watt per square meter (W/m2) to British thermal unitth per square inch second [Btuth/(in2 * s)]

Usage

```
NISTwattPerSqrMeterTOukThUnthPerSqrInchSec(wattPerSqrMeter)
```

Arguments

`wattPerSqrMeter`	watt per square meter (W/m2)

Value

British thermal unitth per square inch second [Btuth/(in2 * s)]

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattPerSqrMeterTOukThUnthPerSqrInchSec(10)
```

NISTwattPerSqrMeterTOwattPerSqrCm
Convert watt per square meter to watt per square centimeter

Description

NISTwattPerSqrMeterTOwattPerSqrCm converts from watt per square meter (W/m2) to watt per square centimeter (W/cm2)

Usage

```
NISTwattPerSqrMeterTOwattPerSqrCm(wattPerSqrMeter)
```

Arguments

wattPerSqrMeter	watt per square meter (W/m2)

Value

watt per square centimeter (W/cm2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattPerSqrMeterTOwattPerSqrCm(10)
```

NISTwattPerSqrMeterTOwattPerSqrInch
Convert watt per square meter to watt per square inch

Description

NISTwattPerSqrMeterTOwattPerSqrInch converts from watt per square meter (W/m2) to watt per square inch (W/in2)

Usage

```
NISTwattPerSqrMeterTOwattPerSqrInch(wattPerSqrMeter)
```

Arguments

wattPerSqrMeter
watt per square meter (W/m2)

Value

watt per square inch (W/in2)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattPerSqrMeterTOwattPerSqrInch(10)
```

NISTwattSecTOjoule *Convert watt second to joule*

Description

NISTwattSecTOjoule converts from watt second (W * s) to joule (J)

Usage

```
NISTwattSecTOjoule(wattSec)
```

Arguments

wattSec	watt second (W * s)

Value

joule (J)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattSecTOjoule(10)
```

NISTwattTOcalthPerMin *Convert watt to calorieth per minute*

Description

NISTwattTOcalthPerMin converts from watt (W) to calorieth per minute (calth/min)

Usage

```
NISTwattTOcalthPerMin(watt)
```

Arguments

watt	watt (W)

Value

calorieth per minute (calth/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattTOcalthPerMin(10)
```

NISTwattTOcalthPerSec *Convert watt to calorieth per second*

Description

NISTwattTOcalthPerSec converts from watt (W) to calorieth per second (calth/s)

Usage

```
NISTwattTOcalthPerSec(watt)
```

Arguments

watt	watt (W)

Value

calorieth per second (calth/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattTOcalthPerSec(10)
```

NISTwattTOergPerSec *Convert watt to erg per second*

Description

NISTwattTOergPerSec converts from watt (W) to erg per second (erg/s)

Usage

```
NISTwattTOergPerSec(watt)
```

Arguments

watt	watt (W)

Value

erg per second (erg/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattTOergPerSec(10)
```

NISTwattTOftPoundForcePerHour
Convert watt to foot pound-force per hour

Description

NISTwattTOftPoundForcePerHour converts from watt (W) to foot pound-force per hour (ft * lbf/h)

Usage

```
NISTwattTOftPoundForcePerHour(watt)
```

Arguments

watt	watt (W)

Value

foot pound-force per hour (ft * lbf/h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattTOftPoundForcePerHour(10)
```

NISTwattTOftPoundForcePerMin

Convert watt to foot pound-force per minute

Description

NISTwattTOftPoundForcePerMin converts from watt (W) to foot pound-force per minute (ft * lbf/min)

Usage

```
NISTwattTOftPoundForcePerMin(watt)
```

Arguments

watt	watt (W)

Value

foot pound-force per minute (ft * lbf/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattTOftPoundForcePerMin(10)
```

NISTwattTOftPoundForcePerSec
Convert watt to foot pound-force per second

Description

NISTwattTOftPoundForcePerSec converts from watt (W) to foot pound-force per second (ft * lbf/s)

Usage

```
NISTwattTOftPoundForcePerSec(watt)
```

Arguments

watt	watt (W)

Value

foot pound-force per second (ft * lbf/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattTOftPoundForcePerSec(10)
```

`NISTwattTOhorsepower` *Convert watt to horsepower*

Description

`NISTwattTOhorsepower` converts from watt (W) to horsepower (550 ft * lbf/s) (hp)

Usage

```
NISTwattTOhorsepower(watt)
```

Arguments

`watt`	watt (W)

Value

horsepower (550 ft * lbf/s) (hp)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattTOhorsepower(10)
```

NISTwattTOhorsepowerBoiler *Convert watt to horsepower*

Description

NISTwattTOhorsepowerBoiler converts from watt (W) to horsepower (boiler)

Usage

```
NISTwattTOhorsepowerBoiler(watt)
```

Arguments

watt	watt (W)

Value

horsepower (boiler)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattTOhorsepowerBoiler(10)
```

`NISTwattTOhorsepowerElectric` *Convert watt to horsepower*

Description

`NISTwattTOhorsepowerElectric` converts from watt (W) to horsepower (electric)

Usage

```
NISTwattTOhorsepowerElectric(watt)
```

Arguments

`watt`	watt (W)

Value

horsepower (electric)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattTOhorsepowerElectric(10)
```

NISTwattTOhorsepowerImperial *Convert watt to horsepower*

Description

NISTwattTOhorsepowerImperial converts from watt (W) to horsepower (U.K.)

Usage

```
NISTwattTOhorsepowerImperial(watt)
```

Arguments

watt	watt (W)

Value

horsepower (U.K.)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattTOhorsepowerImperial(10)
```

NISTwattTOhorsepowerSI *Convert watt to horsepower*

Description

NISTwattTOhorsepowerSI converts from watt (W) to horsepower (metric)

Usage

```
NISTwattTOhorsepowerSI(watt)
```

Arguments

watt	watt (W)

Value

horsepower (metric)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattTOhorsepowerSI(10)
```

NISTwattTOhorsepowerWater *Convert watt to horsepower*

Description

NISTwattTOhorsepowerWater converts from watt (W) to horsepower (water)

Usage

```
NISTwattTOhorsepowerWater(watt)
```

Arguments

watt	watt (W)

Value

horsepower (water)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattTOhorsepowerWater(10)
```

NISTwattTOkilocalthPerMin *Convert watt to kilocalorieth per minute*

Description

NISTwattTOkilocalthPerMin converts from watt (W) to kilocalorieth per minute (kcalth/min)

Usage

```
NISTwattTOkilocalthPerMin(watt)
```

Arguments

watt	watt (W)

Value

kilocalorieth per minute (kcalth/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattTOkilocalthPerMin(10)
```

NISTwattTOkilocalthPerSec *Convert watt to kilocalorieth per second*

Description

NISTwattTOkilocalthPerSec converts from watt (W) to kilocalorieth per second (kcalth/s)

Usage

```
NISTwattTOkilocalthPerSec(watt)
```

Arguments

watt	watt (W)

Value

kilocalorieth per second (kcalth/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattTOkilocalthPerSec(10)
```

NISTwattTOtonOfRefrigeration *Convert watt to ton of refrigeration*

Description

NISTwattTOtonOfRefrigeration converts from watt (W) to ton of refrigeration (12 000 BtuIT/h)

Usage

```
NISTwattTOtonOfRefrigeration(watt)
```

Arguments

watt	watt (W)

Value

ton of refrigeration (12 000 BtuIT/h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattTOtonOfRefrigeration(10)
```

NISTwattTOukThUnITPerHour

Convert watt to British thermal unitIT per hour

Description

NISTwattTOukThUnITPerHour converts from watt (W) to British thermal unitIT per hour (BtuIT/h)

Usage

```
NISTwattTOukThUnITPerHour(watt)
```

Arguments

watt	watt (W)

Value

British thermal unitIT per hour (BtuIT/h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattTOukThUnITPerHour(10)
```

`NISTwattTOukThUnITPerSec` *Convert watt to British thermal unitIT per second*

Description

`NISTwattTOukThUnITPerSec` converts from watt (W) to British thermal unitIT per second (BtuIT/s)

Usage

```
NISTwattTOukThUnITPerSec(watt)
```

Arguments

`watt`	watt (W)

Value

British thermal unitIT per second (BtuIT/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattTOukThUnITPerSec(10)
```

NISTwattTOukThUnthPerHour

Convert watt to British thermal unitth per hour

Description

NISTwattTOukThUnthPerHour converts from watt (W) to British thermal unitth per hour (Btuth/h)

Usage

```
NISTwattTOukThUnthPerHour(watt)
```

Arguments

watt	watt (W)

Value

British thermal unitth per hour (Btuth/h)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattTOukThUnthPerHour(10)
```

NISTwattTOukThUnthPerMin

Convert watt to British thermal unitth per minute

Description

NISTwattTOukThUnthPerMin converts from watt (W) to British thermal unitth per minute (Btuth/min)

Usage

```
NISTwattTOukThUnthPerMin(watt)
```

Arguments

watt	watt (W)

Value

British thermal unitth per minute (Btuth/min)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattTOukThUnthPerMin(10)
```

NISTwattTOukThUnthPerSec

Convert watt to British thermal unitth per second

Description

NISTwattTOukThUnthPerSec converts from watt (W) to British thermal unitth per second (Btuth/s)

Usage

```
NISTwattTOukThUnthPerSec(watt)
```

Arguments

watt	watt (W)

Value

British thermal unitth per second (Btuth/s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTwattTOukThUnthPerSec(10)
```

`NISTweberTOmaxwell` *Convert weber to maxwell*

Description

`NISTweberTOmaxwell` converts from weber (Wb) to maxwell (Mx)

Usage

```
NISTweberTOmaxwell(weber)
```

Arguments

`weber`	weber (Wb)

Value

maxwell (Mx)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTweberTOmaxwell(10)
```

NISTweberTOunPole *Convert weber to unit pole*

Description

NISTweberTOunPole converts from weber (Wb) to unit pole

Usage

```
NISTweberTOunPole(weber)
```

Arguments

weber	weber (Wb)

Value

unit pole

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTweberTOunPole(10)
```

NISTyardTOmeter *Convert yard to meter*

Description

NISTyardTOmeter converts from yard (yd) to meter (m)

Usage

```
NISTyardTOmeter(yard)
```

Arguments

yard	yard (yd)

Value

meter (m)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTyardTOmeter(10)
```

NISTyearSiderealTOsec *Convert year to second*

Description

NISTyearSiderealTOsec converts from year (sidereal) to second (s)

Usage

```
NISTyearSiderealTOsec(yearSidereal)
```

Arguments

yearSidereal	year (sidereal)

Value

second (s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTyearSiderealTOsec(10)
```

NISTyearTOsec *Convert year to second*

Description

NISTyearTOsec converts from year (365 days) to second (s)

Usage

```
NISTyearTOsec(year)
```

Arguments

year	year (365 days)

Value

second (s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTyearTOsec(10)
```

NISTyearTropicalTOsec *Convert year to second*

Description

NISTyearTropicalTOsec converts from year (tropical) to second (s)

Usage

```
NISTyearTropicalTOsec(yearTropical)
```

Arguments

yearTropical	year (tropical)

Value

second (s)

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
NISTyearTropicalTOsec(10)
```

ShortenLongNames *Shorten long names for physical constants*

Description

ShortenLongNames shortens long names for physical constants because of the possible error with paths over 100 characters long

Usage

```
ShortenLongNames(s)
```

Arguments

s	string with the physical constants names'

Value

short string

Author(s)

Jose Gama

Examples

```
ShortenLongNames('degree Fahrenheit hour square foot per British thermal unitth inch')
```

ShortenTitles *Shorten titles for factor help files*

Description

ShortenTitles shortens the titles for factor help files by removing info on parenthesis

Usage

```
ShortenTitles(s)
```

Arguments

s	string with the factor name

Value

short string

Author(s)

Jose Gama

Examples

```
ShortenTitles('degree Fahrenheit (something long here)')
```

---

tableNIST2010 *Fundamental Physical Constants*

Description

tableNIST2010 is a table with the names, values, uncertainty and units for Fundamental Physical Constants.

Usage

```
tableNIST2010
```

Format

This data frame contains the following columns:

Quantity Fundamental Physical Constant name

Value Fundamental Physical Constant value

Uncertainty Uncertainty of Fundamental Physical Constant value

Unit Fundamental Physical Constant units

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
data(tableNIST2010)
str(tableNIST2010)
```

`tableNISTfactors` *Factors for Unit Conversion*

Description

`tableNISTfactors` is a table with the factors for converting between physical units.

Usage

```
tableNISTfactors
```

Format

This data frame contains the following columns:

convert.from source unit

convert.to destination unit

multiply.by factor

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
data(tableNISTfactors)
str(tableNISTfactors)
```

tableNISTnonSI *Fundamental Physical Constants non-SI*

Description

tableNISTnonSI is a table with the names, values, uncertainty and units for Fundamental Physical Constants non-SI.

Usage

```
tableNISTnonSI
```

Format

This data frame contains the following columns:

Quantity Fundamental Physical Constant name

Formula.latex units in LaTeX formula format

Value Fundamental Physical Constant value

Standard.uncertainty Standard uncertainty of Fundamental Physical Constant value

Relative.standard.uncertainty Relative standard uncertainty of Fundamental Physical Constant value

Concise.form Fundamental Physical Constant in concise form

Unit Fundamental Physical Constant units

Author(s)

Jose Gama

Source

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

References

National Institute of Standards and Technology (NIST), 2014 NIST Guide to SI Units B.8 Factors for Units Listed Alphabetically http://physics.nist.gov/Pubs/SP811/appenB8.html

Examples

```
data(tableNISTnonSI)
str(tableNISTnonSI)
```

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