

MM Database for reference

This file contains a complete listing of the measurement units contained in the MetricMaster™ application, for your convenient reference.			
This file is NOT necessary for the proper functioning of the program.			
Basics			
	Area		
		U.S./English	
		circular mils	
		square mils	
		square inches	
		square feet	
		square feet, U.S. survey	
		square yards	
		square rods	
		square perches	
		roods	
		acres	
		acres, U.S. survey	
		sections	
		sections, U.S. survey	
		square miles	
		square miles, U.S. survey	
		townships	
		Metric	
		barns (particle physics)	
		sheds (particle physics)	
		circular millimeters	
		square millimeters	
		circular centimeters	
		square centimeters	
		square decimeters	
		square meters	
		square hectometers	
		square kilometers	
		ares	
		hectares	
	Currency		
		Austria- Schilling	
		Brazil- Cruzado	
		Canada-Dollar	
		France- Franc	
		Germany - DeutschMark	
		Greece- Drachma	
		Hong Kong- Dollar	
		Italy- Lira	
		Japan- Yen	

MM Database for reference

		Korea (South)- Won	
		Mexico- Peso	
		Singapore- Dollar	
		Spain- Peseta	
		Switzerland- Franc	
		Taiwan- Dollar	
		U.K.- Pound Sterling	
		U.S.- Dollar	
		Russia- Ruble	
	Fuel Consumption		
	U.S./English		
		miles per gallon (U.S. liq)	
		gallons (U.S. liq) per mile	
		miles per gallon (Imp)	
		gallons (Imp) per mile	
	Metric		
		kilometers per liter	
		liters per kilometer	
		liters per 100 kilometers	
	Length & Distance		
	U.S./English		
		thousandths of an inch, mils	
		points (printer's)	
		points (computer) (1/72 in)	
		Didot points	
		picas (printer's), ems	
		picas (computer) (1/16 in)	
		ciceros	
		agates	
		caliber	
		inches	
		inches: fractions	
		feet, international	
		feet: inches: fractions	
		hands	
		spans	
		paces	
		step or military pace	
		yards	
		feet, US survey	
		rods, U.S. survey	
		miles, U.S. survey	
		links, Surveyor's or Gunter's	
		links, Engineer's or Ramden's	
		chains, Surveyor's or Gunter's	
		chains, Engineer's or Ramden's	

MM Database for reference

		miles, statute	
		miles: feet	
		leagues, statute	
		leagues, nautical	
		international nautical miles	
		Admiralty (or geographic) miles	
		fathoms	
		astronomical units	
		parsecs	
	Metric		
		angstroms	
		nanometers	
		millimeters	
		centimeters	
		decimeters	
		meters	
		hectometers	
		kilometers	
		million kilometers	
		astronomical units	
		parsecs	
	Physical Constants		
		wavelengths, Krypton 86	
		wavelengths, blue line Cadmium	
		wavelengths, green line Cadmium	
		wavelengths, red line Cadmium	
		sound seconds, air	
		sound seconds, water	
		sound minutes, air	
		sound minutes, water	
		light seconds	
		light minutes	
		light hours	
		light years	
		astronomical units	
		parsecs	
		hubbles	
		kiloparsecs	
		megaparsecs	
	Mass & Standard Weight		
		grains (avdp, apoth, troy)	
		drams (avoirdupois)	
		ounces(avoirdupois)	
		pounds(avoirdupois)	
		stone	
		quarters	

MM Database for reference

		slugs	
		hundredweights, short	
		hundredweights, long	
		tons, short	
		tons, long	
		tons, long:lbs:ounces	
		scruples (apothecary)	
		drams (apothecary)	
		points (troy)	
		carats (troy)	
		pennyweights (troy)	
		assay tons (troy)	
		ounces (apothecary or troy)	
		pounds (apothecary or troy)	
		bushel of wheat (US)	
		bushel of barley (US)	
		bushel of oats (US)	
		bushel of rye (US)	
		Metric	
		grams	
		kilograms	
		tonnes, metric tons	
		Physical Constants	
		unified atomic mass unit	
		water-pure (liter)	
		water-pure (m3)	
		water-pure (U.S. liq gal)	
		water-pure (Imp gal)	
		Temperature	
		U.S./English	
		degrees Fahrenheit	
		degrees Rankine	
		degrees Reaumur	
		Metric	
		degrees Celsius	
		degrees centigrade	
		kelvin	
		Velocity (linear)	
		U.S./English	
		inches per second	
		inches per minute	
		inches per hour	
		inches per day	
		inches per year	
		feet per second	
		feet per minute	

MM Database for reference

		feet per hour	
		feet per day	
		feet per year	
		miles per second	
		miles per minute	
		miles per hour	
		miles per day	
		miles per year	
		knots	
	Metric		
		millimeters per second	
		millimeters per minute	
		millimeters per hour	
		millimeters per day	
		centimeters per second	
		centimeters per minute	
		centimeters per hour	
		centimeters per day	
		centimeters per year	
		meters per second	
		meters per minute	
		meters per hour	
		meters per day	
		meters per year	
		kilometers per second	
		kilometers per minute	
		kilometers per hour	
		kilometers per day	
		kilometers per year	
	Volume & Capacity		
	U.S./English standard		
		cubic inches	
		cubic feet	
		cubic yards	
		cubic miles	
		acre inches	
		acre feet	
		register tons	
		freight tons	
		timber tons	
		drops	
		minims (U.S. liq)	
		drams (U.S. liq)	
		teaspoons (U.S. liq)	
		tablespoons (U.S. liq)	
		ounces (U.S. liq)	

MM Database for reference

			gills (U.S. liq)	
			cups, measuring (U.S. liq)	
			pints (U.S. liq)	
			fifths (U.S. liq)	
			quarts (U.S. liq)	
			gallons (U.S. liq)	
			firkins (U.S. liq)	
			gals:qts:pts:oz (U.S. liq)	
			barrels (U.S. liq)	
			barrels of oil (U.S.)	
			hogsheads (U.S. liq)	
			tuns (U.S. liq)	
			pints (U.S. dry)	
			quarts (U.S. dry)	
			gallons (U.S. dry)	
			pecks (U.S. dry)	
			bushels (U.S. dry)	
			barrels (U.S. dry)	
			bu:pks:gals:qts:pts (U.S. dry)	
			board feet-lumber	
			thousands of board feet	
			cunits	
			corde, firewood	
			cord feet, firewood	
			perches, masonry	
			British Imperial	
			minims (Imp)	
			drams (Imp)	
			teaspoons (Imp)	
			tablespoons (Imp)	
			ounces (Imp fl)	
			gills (Imp)	
			cups, measuring (Imp)	
			pints (Imp)	
			quarts (Imp)	
			gallons (Imp)	
			gals:qts:pts:oz (Imp)	
			pecks (Imp)	
			bushels (Imp)	
			barrels (Imp)	
			bu:pks:gals:qts:pts (Imp)	
			Metric	
			cubic millimeters	
			cubic centimeters-cc's	
			cubic meters	
			milliliters-cc's	

MM Database for reference

		centiliters	
		deciliters	
		liters	
		dekaliters	
		hectoliters	
		kiloliters	
		milliards	
		Physical Constants	
		water-pure (kg)	
		water-pure (lbs)	
Electricity			
	Capacitance		
		picofarads	
		microfarads	
		millifarads	
		farads (coulombs per volt)	
		abfarads	
		statfarads	
	Charge		
		Metric	
		microcoulombs	
		coulombs (ampere seconds)	
		kilocoulombs	
		abcoulombs	
		statcoulombs	
		franklins	
		ampere hours	
		Physical Constants	
		electron charges	
		faraday (based on carbon 12)	
	Computer Capacity		
		bits	
		bytes	
		kilobytes	
		megabytes	
		gigabytes	
		terabytes	
	Conductance & Admittance		
		microsiemens	
		millisiemens	
		siemens (amperes per volt)	
		mhos	
		abmhos	
		statmhos	
	Current		
		microamperes	

MM Database for reference

		milliamperes	
		amperes	
		kiloamperes	
		abamperes (biots)	
		statamperes	
		gilberts	
Current Density			
	U.S./English		
		milliamperes per square mil	
		milliamperes per circular mil	
		amperes per square inch	
		kiloamperes per square inch	
	Metric		
		amperes per square meter	
		amperes per square centimeter	
		kiloamperes per square meter	
		megamperes per square meter	
Electrical Energy			
		millijoules	
		joules (newton meters)	
		kilojoules	
		megajoules	
		ergs (dyne centimeters)	
		wattseconds	
		watthours	
		kilowatthours	
		megawatthours	
		electronvolts	
		million electronvolts	
		gigaelectronvolts	
		horsepower hours (elect.)	
Field Strength			
	U.S./English		
		volts per mil	
		volts per inch	
		kilovolts per inch	
		kilovolts per foot	
	Metric		
		volts per meter	
		volts per millimeter	
		volts per centimeter	
		kilovolts per meter	
		megavolts per meter	
Frequency			
		millihertz	
		hertz	

MM Database for reference

		kilohertz	
		megahertz	
		gigahertz	
		fresnels	
		cycles/second	
		cycles/minute	
		cycles/hour	
	Impedance & Resistance		
		nanohms	
		microhms	
		milliohms	
		ohms (volts per ampere)	
		kilohms	
		megohms	
		abohms	
		statohms	
	Inductance		
		millihenrys	
		henrys (webers per ampere)	
		abhenrys	
		stathenrys	
	Magnetic Flux		
		milliwebers	
		webers (volt seconds)	
		abwebers	
		maxwells (lines of force)	
		kilolines	
		megalines	
		unit poles	
	Magnetic Flux Density		
	U.S./English		
		lines per square inch	
		kilolines per square inch	
	Metric		
		microteslas	
		milliteslas	
		teslas (webers per square meter)	
		abtesla	
		milligauss	
		gauss	
		kilogauss	
		gamma	
		lines per square centimeter	
	Magnetic Moment		
	Metric		
		hertz per tesla	

MM Database for reference

		joules per tesla	
		ergs per gauss	
		kelvin units per tesla	
	Physical Constants		
		electronvolts per tesla	
		electron magnetic moments	
		Bohr magnetons	
		nuclear magnetons	
		proton magnetic moments	
		proton magnetic moments in H2O	
	Magnetizing Force		
		ampere-turns per meter	
		ampere-turns per centimeter	
		gilberts per centimeter	
		oersteds	
		ampere-turns per inch	
		ampere-turns per foot	
	Magnetomotive Force		
		ampere-turns	
		abampere-turns	
		statampere-turns	
		gilberts	
	Mass Resisitivity		
	U.S./English		
		ohm ounces per square foot	
		ohm pounds per square foot	
		ohm pounds per square mile	
	Metric		
		microhm kilograms per square meter	
		milliohm kilograms per square meter	
		ohm kilograms per square meter	
		ohm grams per square meter	
	Potential		
		microvolts	
		millivolts	
		volts (watts per ampere)	
		kilovolts	
		megavolts	
		abvolts	
		statvolts	
	Power		
		ergs per second	
		milliwatts	
		watts (joules per second)	
		kilowatts	
		megawatts	

MM Database for reference

		horsepower (electric)	
		abwatts	
		statwatts	
	Power Density		
	U.S./English		
		watts per square inch	
		watts per square foot	
		horsepower (electric) per sq foot	
	Metric		
		milliwatts per square meter	
		watts per square centimeter	
		watts per square meter	
		kilowatts per square meter	
		megawatts per square meter	
	Volume Resistivity		
	U.S./English		
		microhm inches	
		milliohm inches	
		ohm inches	
		megohm inches	
		ohm feet	
		ohm circular mils per foot	
	Metric		
		nanohm meters	
		microhm meters	
		milliohm meters	
		ohm meters	
		megohm meters	
		microhm centimeters	
		milliohm centimeters	
		ohm centimeters	
		megohm centimeters	
		ohm square millimeters per meter	
Heat			
	Calorific Value by Mass		
	U.S./English		
		Btu's (IT) per pound	
		Btu's (tc) per pound	
		therms (IT) per short ton	
		therms (IT) per long ton	
	Metric		
		joules per gram	
		joules per kilogram	
		kilojoules per kilogram	
		calories (IT) per gram	
		calories (tc) per gram	

MM Database for reference

		kilowatt hours (IT) per gram	
	Calorific Value by Volume		
	U.S./English		
		Btu's (IT) per cubic foot	
		Btu's (tc) per cubic foot	
		Btu's (IT) per gallon (U.S.)	
		Btu's (tc) per gallon (U.S.)	
		Btu's (IT) per gallon (Imp)	
		Btu's (tc) per gallon (Imp)	
		Metric (b)	
		joules per liter	
		kilojoules per liter	
		kilojoules per cubic meter	
		calories (IT) per liter	
		calories (tc) per liter	
		kilocalories (IT) per liter	
		kilocalories (tc) per liter	
	Energy per Unit Area Time		
	U.S./English		
		watts per square inch	
		kilowatts per square inch	
	Metric		
		watts per square meter	
		watts per square centimeter	
		ergs per square centimeter second	
		joules per square centimeter second	
	Heat Capacity & Entropy		
	U.S./English		
		calories (IT) per degree Fahrenheit	
		calories (tc) per degree Fahrenheit	
		kilocalories (IT) per degree Fahrenheit	
		kilocalories (tc) per degree Fahrenheit	
		Btu's (IT) per degree Fahrenheit	
		Btu's (tc) per degree Fahrenheit	
	Metric		
		joules per kelvin	
		kilojoules per degree Celsius	
		calories (IT) per degree Celsius	
		calories (tc) per degree Celsius	
		kilocalories (IT) per degree Celsius	
		kilocalories (tc) per degree Celsius	
	Heat Density		
	U.S./English		
		Btu's (IT) per square foot	
		Btu's (tc) per square foot	
	Metric		

MM Database for reference

		joules per square centimeter	
		joules per square meter	
		kilojoules per square meter	
		langleys (cal/cm ²)	
		calories per square centimeter	
	Heat Flow Rate		
	U.S./English		
		foot pounds per second	
		foot pounds per minute	
		foot pounds per hour	
		Btu's (IT) per second	
		Btu's (tc) per second	
		Btu's (IT) per minute	
		Btu's (tc) per minute	
		Btu's (IT) per hour	
		Btu's (tc) per hour	
		horsepower (mechanical)	
		horsepower (U.K.)	
		horsepower (electric)	
		horsepower (water)	
		horsepower (boiler)	
		tons of refrigeration (12 000 Btu/h)	
	Metric		
		ergs per second	
		joules per second	
		calories (IT) per second	
		calories (IT) per minute	
		kilocalories (IT) per second	
		kilocalories (IT) per minute	
		calories (tc) per second	
		calories (tc) per minute	
		kilocalories (tc) per second	
		kilocalories (tc) per minute	
		watts (joules per second)	
		milliwatts	
		kilowatts	
		megawatts	
		metric horsepower	
	Heat Flux Density & Irradiance		
	U.S./English		
		Btu's (IT) per second square foot	
		Btu's (tc) per second square foot	
		Btu's (IT) per hour square foot	
		Btu's (tc) per hour square foot	
	Metric		
		watts per square meter	

MM Database for reference

		watts per square centimeter	
		calories (IT) per second square cm	
		calories (tc) per second square cm	
		calories (IT) per minute square cm	
		calories (tc) per second square cm	
		kilocalories (IT) per hour square cm	
		kilocalories (tc) per hour square cm	
	Heat Quantity & Thermal Energy		
	U.S./English		
		foot pounds-force	
		foot poundals	
		British thermal units (Int'l Table)	
		British thermal units (thermochemical)	
		British thermal units (mean)	
		British thermal units (39°F)	
		British thermal units (60°F)	
		quads	
		therms (EEC)	
		therms (US)	
		horsepower hours (elect.)	
	Metric		
		millijoules	
		joules (newton meters)	
		kilojoules	
		megajoules	
		ergs (dyne centimeters)	
		wattseconds	
		watthours	
		kilowatthours	
		megawatthours	
		calories (15°C)	
		calories (20°C)	
		calories (International Table)	
		calories (thermochemical)	
		calories (mean)	
		kilocalories (International Table)	
		calories, nutrition (kilocalories tc)	
		Centigrade heat units	
		thermies	
		electronvolts	
		million electronvolts	
		gigaelectronvolts	
	Physical Constants		
		tons of TNT (equivalent)	
		tons of oil (equivalent)	
		kilotons of TNT (equivalent)	

MM Database for reference

			megatons of TNT (equivalent)
	Heat Transfer Coefficient (U)		
	U.S./English		
			Btu's (IT) per second ft ² °F
			Btu's (tc) per second ft ² °F
			Btu's (IT) per hour ft ² °F
			Btu's (tc) per hour ft ² °F
	Metric		
			watts per square meter kelvin
			calories (IT) per second cm ² °C
			calories (tc) per second cm ² °C
			kilocalories (IT) per hour m ² °C
			kilocalories (tc) per hour m ² °C
	Thermal Conductivity (K)		
	U.S./English		
			Btu's (IT) in per second ft ² °F
			Btu's (tc) in per second ft ² °F
			Btu's (IT) in per hour ft ² °F
			Btu's (tc) in per hour ft ² °F
			Btu's (IT) per hour ft °F
			Btu's (tc) per hour ft °F
	Metric		
			watts per meter °C
			watts per centimeter °C
			kilowatts per meter °C
			calories (IT) per second cm °C
			calories (tc) per second cm °C
			kilocalories (IT) per hour m °C
			kilocalories (tc) per hour m °C
	Mass-Energy Equivalents		
	U.S./English		
			ounces-mass
			pounds-mass
	Metric		
			grams
			kilograms
			ergs
			joules
			kelvin units
			electronvolts
			million electronvolts
			gigaelectronvolts
			kaysers
			millikaysers
			hertz
			radians per second

MM Database for reference

		inverse meter	
		atomic mass unit	
		hartree	
	Physical Constants		
		atomic mass units	
		electron rest masses	
		neutron rest masses	
		proton rest masses	
		Rydberg constant	
	Molar Energy		
	U.S./English		
		BTU's (IT) per mole	
		BTU's (tc) per mole	
	Metric		
		joules per mole	
		kilojoules per mole	
		calories per mole	
		kilocalories per mole	
	Molar Heat Capacity		
	U.S./English		
		BTU's (IT) per mole °F	
		BTU's (tc) per mole °F	
	Metric		
		joules per mole kelvin	
		kilojoules per mole kelvin	
		calories per mole kelvin	
		kilocalories per mole kelvin	
	Specific Energy		
	U.S./English		
		Btu's (IT) per pound	
		Btu's (tc) per pound	
		therms (IT) per short ton	
		therms (IT) per long ton	
	Metric		
		joules per gram	
		joules per kilogram	
		kilojoules per kilogram	
		calories (IT) per gram	
		calories (tc) per gram	
		kilowatt hours per gram	
	Specific Heat Capacity by Mass		
	U.S./English		
		Btu's (IT) per pound °Fahrenheit	
		Btu's (tc) per pound °Fahrenheit	
	Metric		

MM Database for reference

		joules per kilogram °Celsius	
		kilojoules per kilogram °Celsius	
		calories (IT) per gram °Celsius	
		calories (tc) per gram °Celsius	
Specific Heat Capacity by Volume			
	U.S./English		
		Btu's (IT) per cubic foot °F	
		Btu's (tc) per cubic foot °F	
	Metric		
		joules per cubic centimeter °Celsius	
		kilojoules per cubic meter °Celsius	
Temperature			
	U.S./English		
		degrees Fahrenheit	
		degrees Rankine	
		degrees Reaumur	
	Metric		
		degrees Celsius	
		kelvin units	
Temperature Change			
	U.S./English		
		degrees Fahrenheit	
		degrees Rankine	
		degrees Reaumur	
	Metric		
		degrees Celsius	
		kelvin units	
Thermal Conductance			
	U.S./English		
		Btu's (IT) per second ft ² °F	
		Btu's (tc) per second ft ² °F	
		Btu's (IT) per hour ft ² °F	
		Btu's (tc) per hour ft ² °F	
	Metric		
		watts per square meter °Celsius	
		calories (IT) per second cm ² °C	
		calories (tc) per second cm ² °C	
		kilocalories (IT) per hour cm ² °C	
		kilocalories (tc) per hour cm ² °C	
Thermal Conductivity (K Value)			
	U.S./English		
		Btu's (IT) in per second ft ² °F	
		Btu's (tc) in per second ft ² °F	
		Btu's (IT) in per hour ft ² °F	
		Btu's (tc) in per hour ft ² °F	
		Btu's (IT) per hour ft °F	

MM Database for reference

		Btu's (tc) per hour ft °F	
		Metric	
		watts per meter °C	
		watts per centimeter °C	
		kilowatts per meter °C	
		calories (IT) per second cm °C	
		calories (tc) per second cm °C	
		kilocalories (IT) per hour m °C	
		kilocalories (tc) per hour m °C	
		Thermal Diffusivity	
		U.S./English	
		square inches per second	
		square inches per minute	
		square inches per hour	
		square feet per second	
		square feet per minute	
		square feet per hour	
		Metric	
		square centimeters per second	
		square centimeters per minute	
		square centimeters per hour	
		square meters per second	
		square meters per minute	
		square meters per hour	
		Thermal Expansion	
		U.S./English	
		inches per inch °Fahrenheit	
		inches per foot °Fahrenheit	
		Metric	
		centimeters per cm °C	
		centimeters per meter °C	
		Thermal Insulance (R Value)	
		U.S./English	
		R (°F h ft ² /Btu (IT))	
		clos	
		Metric	
		RSI (kelvin square meter per watt)	
		Thermal Resistance	
		U.S./English	
		degrees Fahrenheit hour per Btu (IT)	
		degrees Fahrenheit hour per Btu (tc)	
		Metric	
		kelvin per watt	
		Thermal Resistivity	
		U.S./English	
		°F hour ft ² per Btu(IT) in	

MM Database for reference

		°F hour ft ² per Btu(tc) in	
		Metric	
		kelvin meters per watt	
		Thermal Transmittance	
		U.S./English	
		Btu's (IT) per second ft ² °F	
		Btu's (tc) per second ft ² °F	
		Btu's (IT) per hour ft ² °F	
		Btu's (tc) per hour ft ² °F	
		Metric	
		watts per square meter °Celsius	
		calories (IT) per second cm ² °C	
		calories (tc) per second cm ² °C	
		kilocalories (IT) per hour m ² °C	
		kilocalories (tc) per hour m ² °C	
		Historical	
		Length & Distance	
		The Ancient World	
		assbaa (Arabia)	
		cabda (Arabia)	
		foot (Arabia)	
		qasab (Arabia)	
		ghalva (Arabia)	
		mille (Arabia)	
		barid (Arabia)	
		angula (India)	
		vitasti (India)	
		hasta or cubit (India)	
		denda or dhanush (India)	
		crossa (India)	
		gavyuti (India)	
		daktylos (Greece)	
		condylos (Greece)	
		palaiste (Greece)	
		dichas (Greece)	
		spithame (Greece)	
		pous (Greek Olympic foot)	
		pygon (Greece)	
		pechya (Greek cubit)	
		bema (Greece)	
		xylon (Greece)	
		orgyia (Greece)	
		acaena (Greece)	
		plethron (Greece)	
		stadion (Greece)	
		dioulos (Greece)	

MM Database for reference

		dolichos (Greece)	
		stathmos (Greece)	
		charac (Persia)	
		guz (Persia)	
		cane (Persia)	
		chebel (Persia)	
		stadium (Persia)	
		parasang (Persia)	
		mansion (Persia)	
		digitus (Roman Empire)	
		uncia (Roman Empire)	
		palmus (minor) (Roman Empire)	
		palmus (major) (Roman Empire)	
		pes (Roman Empire)	
		palmites (Roman Empire)	
		cubitus (Roman Empire)	
		gradus (Roman Empire)	
		passus (Roman Empire)	
		decempeda or pertica (Roman Empire)	
		actus (Roman Empire)	
		stadium (Roman Empire)	
		mille pasus or milliarum (Roman Empire)	
		leuga (Roman Empire)	
		schoenus (Roman Empire)	
		Traditional US/UK	
		thousandths of an inch, mils	
		twips	
		points	
		picas, ems	
		agates	
		caliber	
		inches	
		inches: fractions	
		feet, international	
		feet: inches: fractions	
		hands	
		spans	
		paces	
		step or military pace	
		yards	
		ells	
		rods	
		poles	
		perches	
		skeins	
		furlongs	

MM Database for reference

		miles, statute	
		miles: feet	
		leagues, statute	
		feet, U.S. survey	
		rods, U.S. survey	
		miles, U.S. survey	
		links, Surveyor's or Gunter's	
		links, Engineer's or Ramden's	
		chains, Surveyor's or Gunter's	
		chains, Engineer's or Ramden's	
		varas, Mexico	
		varas, California	
		varas, Texas	
		international nautical miles	
		Admiralty (or geographic) miles	
		leagues, Int'l nautical	
		leagues, U.K. nautical	
		fathoms	
		cables (U.S.)	
		cables (U.K.)	
		million miles	
		billion (U.S.) miles	
		astronomical units	
		parsecs	
		Traditional non-US/UK	
		aune (France)	
		arshin (Russia)	
		arpent (French-speaking countries)	
		aln or alen (Denmark & Norway)	
		aln or alen (Scandinavia)	
		elle (German)	
		mo (Japan)	
		rin (Japan)	
		bu (Japan)	
		sun (Japan)	
		shaku (Japan)	
		hiro (Japan)	
		ken (Japan)	
		jo (Japan)	
		cho (Japan)	
		ri (Japan)	
		Modern Measures	
		centimeters	
		meters	
		kilometers	
		inches	

MM Database for reference

		feet	
		miles	
	Area		
		The Ancient World	
		square pes (Roman Empire)	
		srupulum (Roman Empire)	
		clima (Roman Empire)	
		actus simplex (Roman Empire)	
		versus (Roman Empire)	
		actus major (Roman Empire)	
		uncia (Roman Empire)	
		jugerum (Roman Empire)	
		heredium (Roman Empire)	
		centuria (Roman Empire)	
		saltus (Roman Empire)	
		Traditional US/UK	
		bolts of cotton (42" x 100 yds)	
		bolts of wool (60" x 100 yds)	
		bovates (land)	
		falls (land, Scotland)	
		farthingdales (land)	
		hides (land)	
		hundreds (land)	
		nooks (Northern England, Scotland)	
		perches (land)	
		roods	
		sections or square miles (US)	
		squares (building materials)	
		square chain (surveying, England)	
		stang (Wales)	
		super foot (superficial foot)	
		townships	
		virgate (land, England)	
		Traditional non-US/UK	
		arshin (Russia)	
		arpent (Quèbec & Louisiana)	
		shaku (Japan)	
		jo, or tatami (Japan)	
		go (Japan)	
		bu (Japan)	
		se (Japan)	
		tan (Japan)	
		cho (Japan)	
		Modern Measures	
		square meters	
		hectares	

MM Database for reference

		square kilometers	
		square feet	
		acres	
		square miles	
	Volume		
		The Ancient World	
		caphite (Arabia)	
		saa (Arabia)	
		makuk (Arabia)	
		ferk (Arabia)	
		woibe (Arabia)	
		cafiz (Arabia)	
		artaba (Arabia)	
		den or gariba (Arabia)	
		mushti (India)	
		cudava (India)	
		prastha (India)	
		drona (India)	
		cumbha (India)	
		oxybaphon (Greece)	
		cotula (Greece)	
		cyathos (Greece)	
		xestes (Greece)	
		choenix (Greece)	
		maris (Greece)	
		khous (Greece)	
		hemiekton (Greece)	
		hekteus (Greece)	
		cados (Greece)	
		amphora (Greece)	
		medimnos (Greece)	
		cab (Israel)	
		omer (Israel)	
		hekat (Israel)	
		hin (Israel)	
		bath or bu (Israel)	
		ephah (Israel)	
		kor (liq) (Israel)	
		kor (dry) (Israel)	
		acetabulum (Roman Empire)	
		quartarius (Roman Empire)	
		hemina (Roman Empire)	
		cyathus (Roman Empire)	
		sextarius (Roman Empire)	
		congius (Roman Empire)	
		modius (Roman Empire)	

MM Database for reference

		urna (Roman Empire)	
		amphura (Roman Empire)	
		culeus (Roman Empire)	
		Traditional US/UK	
		bag or sack (Britain)	
		aume (England)	
		anker (England)	
		anker (Scotland)	
		amber (England)	
		butt (US)	
		butt (England)	
		chalder or chaldron (Britain)	
		choppin (Scotland)	
		coffeespoon (cooking, US)	
		coomb or coom (dry commodities, Britain)	
		cord (stacked firewood)	
		cord foot (stacked firewood)	
		cran (barrel of fish)	
		crannock (grain, England)	
		dash (recipes)	
		dash (bartending)	
		drop (pharmacy)	
		faggot (firewood)	
		fatt (grain)	
		fifth (US)	
		gill (US)	
		hogshead (US)	
		hogshead (British Imperial)	
		jigger (bartending)	
		keg (wine)	
		keg (beer)	
		kilderkin (Britain)	
		magnum (wine)	
		methuselah (wine)	
		minim (US)	
		minim (Britain)	
		mutchkin (Scotland)	
		nebuchadnezzar (wine)	
		nip (spirits)	
		noggin (Ireland)	
		perch (masonry)	
		pin, beer (Britain)	
		pinch (recipes)	
		yard, ale (Scotland)	
		Traditional non-US/UK	
		almude (Spain)	

MM Database for reference

		almude (Portugal)	
		sho (Japan)	
		to (Japan)	
		shaku (Japan)	
		koku (Japan)	
		go (Japan)	
		Modern Measures	
		cubic meters	
		liters	
		cubic feet	
		gallons (U.S. liq)	
		gallons (Imp)	
	Weight		
		The Ancient World	
		se'u (Babylon, ca. 1400 B.C.)	
		shiglu (Babylon, ca. 1400 B.C.)	
		manu (Babylon, ca. 1400 B.C.)	
		biltu (Babylon, ca. 1400 B.C.)	
		heavy mina (Babylon, ca. 1400 B.C.)	
		light mina (Babylon, ca. 1400 B.C.)	
		mina (Babylon, ca. 1400 B.C.)	
		yava (India)	
		retti (India)	
		kona (India)	
		karsha (India)	
		pala (India)	
		sep (avg) (Egypt)	
		gold deben or stater (avg) (Egypt)	
		kite (avg) (Egypt)	
		chalcon (Greece)	
		obolos (Greece)	
		diobolon (Greece)	
		drachma (Greece)	
		tetra drachma (Greece)	
		mina (Greece)	
		siliqua (Roman Empire)	
		obolus (Roman Empire)	
		scripulum (Roman Empire)	
		dimidia sextula (Roman Empire)	
		drachma (Roman Empire)	
		sextula (Roman Empire)	
		sicilicus (Roman Empire)	
		semuncia (Roman Empire)	
		uncia (Roman Empire)	
		sescuncia (Roman Empire)	
		sextans (Roman Empire)	

MM Database for reference

		quadrans (Roman Empire)	
		triens (Roman Empire)	
		quincunx (Roman Empire)	
		semis (Roman Empire)	
		septunx (Roman Empire)	
		bes (Roman Empire)	
		dodrans (Roman Empire)	
		dextans (Roman Empire)	
		deunx (Roman Empire)	
		libra or as (Roman Empire)	
		Traditional US/UK	
		amber	
		bag, cement (US)	
		bag, cement (Canada)	
		bale, cotton (US)	
		barrel, flour (US)	
		barrel, beef or fish (US)	
		bushel, wheat (US)	
		bushel, barley (US)	
		bushel, oats (US)	
		bushel, rye (US)	
		cental (Britain)	
		chalder (coal)	
		clove (England)	
		cord (pulpwood, pine)	
		cord (pulpwood, hardwood)	
		firkin	
		fother, lead (England)	
		grain, jeweler's	
		hundredweight (England)	
		pennyweight	
		quarter (Britain)	
		quarter (US)	
		quartern (England)	
		sack, salt (US)	
		sack, cotton (US)	
		sack, flour (US)	
		stone (Britain)	
		Traditional non-US/UK	
		arroba (Spain)	
		arroba (Portugal & Brazil)	
		shi (Japan)	
		mo (Japan)	
		rin (Japan)	
		fun (Japan)	
		momme or monme (Japan)	

MM Database for reference

			niyo (Japan)	
			kiyaku-me (Japan)	
			kin or kati (Japan)	
			kwan (Japan)	
			hiyak-kin (Japan)	
			komma-ichi-da (Japan)	
			Modern Measures (s)	
			kilograms	
			pounds	
			ounces	
Light & Radiation				
	Absorbed Dose			
			grays (joules per kilogram)	
			rads (absorbed dose)	
	Absorbed Dose Rate			
			grays per second	
			grays per minute	
			grays per hour	
			rads per second	
			rads per minute	
			rads per hour	
	Activity (radionuclide)			
			becquerels	
			curies	
	Atomic Lengths			
	Metric			
			fermis	
			femtometers	
			picometers	
			ångströms	
			nanometers	
			micrometers	
			microns	
			millimicrons	
			millimeters	
			meters	
	Physical Constants			
			Compton neutron wave lengths	
			Compton proton wave lengths	
			Compton electron wave lengths	
			classical electron radii	
			Bohr radii	
	Dose Equivalent			
			rems	
			sieverts (joules per kilogram)	
			joules per kilogram	

MM Database for reference

	Exposure (x & gamma rays)	
	NO SYSTEM	
	roentgens	
	coulombs per kilogram	
	Illumination (Surface Flux Density)	
	U.S./English	
	footcandles (lumens/ft ²)	
	lumens per square inch	
	Metric	
	lux (lumens per square meter)	
	nox	
	lumens per square centimeter	
	phots	
	Luminance (Surface Brightness)	
	U.S./English	
	footcandles-equivalent	
	foot lamberts	
	candelas/square foot	
	candelas/square inch	
	Metric	
	candelas per square meter	
	kilocandelas per square meter	
	lumens per steradian square meter	
	stilbs	
	apostilbs	
	lamberts	
	millilamberts	
	Luminous Energy	
	lumbergs	
	talbots	
	lumen seconds	
	Luminous Flux	
	lumens (candela steradians)	
	spherical candlepower	
	watts	
	Luminous Intensity	
	candles (International)	
	candles (new)	
	candelas	
	pentane candles	
	hefner units	
	carcel units	
	Mechanics	
	Acceleration (angular)	
	revolutions per second squared	
	revolutions per minute second	

MM Database for reference

			revolutions per minute squared	
			arcdegrees per second squared	
			radians per second squared	
			milliradians per second squared	
	Acceleration (linear)			
	U.S./English			
			inches per second squared	
			feet per second squared	
			miles per hour second	
			miles/ per hour minute	
	Metric			
			meters per second squared	
			centimeters per second squared	
			gals (Galileos)	
			kilometers per hour second	
	Physical Constants			
			standard gravities (free fall)	
	Density & Concentration			
	U.S./English			
			grains per cubic inch	
			grains per cubic foot	
			ounces-mass per cubic inch	
			pounds-mass per cubic inch	
			pounds-mass per cubic foot	
			pounds-mass per cubic yard	
			pounds-mass per acre-foot	
			slugs per cubic foot	
			tons-mass (short) per cubic yard	
			tons-mass (long) per cubic yard	
			tons-mass (short) per cubic mile	
			tons-mass (long) per cubic mile	
			grains per ounce (U.S. fluid)	
			grains per gallon (U.S. liq)	
			ounces-mass per quart (U.S. liq)	
			ounces-mass per gallon (U.S. liq)	
			pounds-mass per gallon (U.S. liq)	
			pounds-mass per million gals (U.S. liq)	
			grains per ounce (Imp fluid)	
			grains per gallon (Imp)	
			ounces-mass per quart (Imp)	
			ounces-mass per gallon (Imp)	
			pounds-mass per gallon (Imp)	
			pounds-mass per million gals (Imp)	
	Metric			
			grams per cubic centimeter	
			grams per cubic meter	

MM Database for reference

			kilograms per cubic meter	
			metric tons per cubic meter	
			grams per liter	
			milligrams per liter	
			kilograms per liter	
			grams per milliliter	
			micrograms per milliliter	
			parts per million (mass basis)	
			parts per billion (mass basis)	
		Diffusivity		
		U.S./English		
			square inches per second	
		Metric		
			square centimeters per second	
			square centimeters per day	
			liters per centimeter day	
		Force		
		U.S./English		
			ounces-force	
			pounds-force	
			poundals	
			tons-force (short)	
			tons-force (long)	
			kips (1000 lbf)	
		Metric		
			newtons (kg m/s ²)	
			kilonewtons	
			dynes	
			crinals	
			kiloponds (kilograms-force)	
		Force per Unit Length		
		U.S./English		
			pounds-force per inch	
			pounds-force per foot	
			kips per foot	
			tons-force (short) per foot	
			tons-force (long) per foot	
		Metric		
			newtons per meter	
			kilonewtons per meter	
		Frequency		
			millihertz	
			hertz	
			kilohertz	
			megahertz	
			gigahertz	

MM Database for reference

		fresnels	
		cycles/second	
		cycles/minute	
		cycles/hour	
	Fuel Consumption		
	U.S./English		
		miles per gallon (U.S. liq)	
		gallons (U.S. liq) per mile	
		miles per gallon (Imp)	
		gallons (Imp) per mile	
	Metric		
		kilometers per liter	
		liters per kilometer	
		liters per 100 kilometers	
	Kinematic Viscosity		
	U.S./English		
		square inches per second	
		square feet per second	
		poise cubic inches per pound	
		poise cubic feet per pound	
		square feet per hour	
	Metric		
		stokes (square centimeters per second)	
		centistokes	
		square meters per second	
		square millimeters per second	
		square centimeters per second	
		poise cubic centimeters per gram	
		square meters per hour	
	Mass & Standard Weight		
	U.S./English		
		grains (avdp, apoth, troy)	
		drams (avoirdupois)	
		ounces(avoirdupois)	
		pounds(avoirdupois)	
		stones	
		quarters	
		slugs	
		hundredweights, short (100 lb)	
		hundredweights, long (112 lb)	
		tons, short (2000 lbs)	
		tons, long (2240 lbs)	
		tons, long:lbs:ounces	
		scruples (apothecary)	
		drams (apothecary)	
		points (troy)	

MM Database for reference

		carats (troy)	
		pennyweights (troy)	
		assay tons (troy)	
		ounces (apothecary or troy)	
		pounds (apothecary or troy)	
		Metric	
		daltons	
		carats (metric)	
		milligrams	
		grams	
		kilograms	
		tonnes-metric tons	
		Physical Constants	
		unified atomic mass unit	
		water-pure (liter)	
		water-pure (m ³)	
		water-pure (U.S. liq gal)	
		water-pure (Imp gal)	
		Mass Flow Rate	
		U.S./English	
		pounds per second	
		pounds per minute	
		pounds per hour	
		tons-mass (short) per minute	
		tons-mass (short) per hour	
		tons-mass (long) per minute	
		tons-mass (long) per hour	
		slugs per second	
		slugs per minute	
		slugs per hour	
		Metric	
		kilograms per second	
		kilograms per minute	
		kilograms per hour	
		metric tons per second	
		metric tons per minute	
		metric tons per hour	
		Mass-Energy Equivalents	
		U.S./English	
		ounces-mass	
		pounds-mass	
		Metric	
		grams	
		kilograms	
		ergs	
		joules	

MM Database for reference

		kelvin units	
		electronvolts	
		million electronvolts	
		gigaelectronvolts	
		kaysers	
		millikaysers	
		hertz	
		radians per second	
	Mass per Unit Area		
	U.S./English		
		slugs per square foot	
		ounces-mass per square inch	
		ounces-mass per square foot	
		ounces-mass per square yard	
		pounds-mass per square inch	
		pounds-mass per square foot	
		tons-mass (short) per square foot	
		tons-mass (long) per square foot	
		tons-mass (short) per acre	
		tons-mass (long) per acre	
		tons-mass (long) per square mile	
	Metric		
		grams per square centimeter	
		kilograms per square meter	
		metric tons per square meter	
		metric tons per hectare	
		metric tons per square kilometer	
	Mass per Unit Length		
	U.S./English		
		ounces-mass per inch	
		ounces-mass per foot	
		pounds-mass per inch	
		pounds-mass per foot	
		kips-mass per foot	
	Metric		
		grams per centimeter	
		grams per meter	
		kilograms per meter	
		deniers	
		texes	
	Moment of Force & Torque		
	U.S./English		
		inch ounces-force	
		kip inches	
		inch pounds-force	
		foot pounds-force	

MM Database for reference

		foot kips	
		Metric	
		newton meters	
		kilonewton meters	
		dyne centimeters	
		kilograms-force per meter	
		Moment of Inertia	
		U.S./English	
		ounce square inches	
		pound square feet	
		slug square feet	
		Metric	
		gram square centimeters	
		kilogram square meters	
		Momentum (angular)	
		U.S./English	
		ounce square inches per second	
		pound square feet per second	
		Metric	
		kilogram square meters per second	
		gram square centimeters per second	
		Momentum (linear)	
		U.S./English	
		ounce inches per second	
		pound feet per second	
		Metric	
		gram centimeters per second	
		kilogram meters per second	
		Permeance (water vapor)	
		U.S./English	
		perm inches (0 °C)	
		perm inches (23 °C)	
		Metric	
		kilograms per pascal second meter	
		Permeability (water vapor)	
		U.S./English	
		perms (0 °C)	
		perms (23 °C)	
		Metric	
		kilograms per pascal second square meter	
		Plane Angles	
		seconds (arc)	
		minutes (anrc)	
		degrees (arc)	
		degrees:minutes:seconds	
		revs:degrees:minutes:seconds	

MM Database for reference

		slope-rise:run (X:12)	
		slope-rise:run (X:1)	
		slope-rise:run (1:X)	
		slope-rise:run (%)	
		mils	
		grads, grades, gons	
		radians	
		signs	
		octants	
		sextants	
		quadrants	
		revolutions	
		kilometers on Earth surface-avg	
		miles on Earth surface-avg	
	Power		
		U.S./English	
		foot pounds-force per second	
		foot pounds-force per minute	
		foot pounds-force per hour	
		Btu's (IT) per second	
		Btu's (tc) per second	
		Btu's (IT) per minute	
		Btu's (tc) per minute	
		Btu's (IT) per hour	
		Btu's (tc) per hour	
		horsepower (mechanical)	
		horsepower (U.K.)	
		horsepower (electric)	
		horsepower (water)	
		horsepower (boiler)	
		tons of refrigeration	
		Metric	
		ergs per second	
		joules per second	
		kilocalories (IT) per second	
		kilocalories (tc) per second	
		milliwatts	
		watts (joules per second)	
		kilowatts	
		megawatts	
		horsepower (metric)	
	Power Density		
		U.S./English	
		watts per square inch	
		watts per square foot	
		horsepower(electric) per square foot	

MM Database for reference

		Btu's (IT) per second square inch	
		Btu's (tc) per second square inch	
		Btu's (IT) per second square foot	
		Btu's (tc) per second square foot	
		Btu's (IT) per hour square foot	
		Btu's (tc) per hour square foot	
		Metric	
		watts per square meter	
		milliwatts per square meter	
		kilowatts per square meter	
		megawatts per square meter	
		watts per square centimeter	
		calories (IT) per second cm ²	
		calories (tc) per second cm ²	
		Pressure & Stress	
		U.S./English	
		ounces-force per square inch	
		pounds-force per square inch	
		ounces-force per square foot	
		pounds-force per square foot	
		pounds-force per square yard	
		poundals per square foot	
		kips per square inch	
		kips per square foot	
		tons-force (short) per square inch	
		tons-force (long) per square inch	
		tons-force (short) per square foot	
		tons-force (long) per square foot	
		Metric	
		microbars	
		millibars	
		bars	
		baryes	
		pascals (newtons per square meter)	
		kilopascals (kN/m ²)	
		megapascals (N/mm ²)	
		dynes per square centimeter	
		newtons per square meter (Pa)	
		kilonewtons per square meter (kPa)	
		kilograms-force per square centimeter	
		kilograms-force per square meter	
		Physical Constants	
		millimeters of mercury @ 0°C (torr)	
		centimeters of mercury @ 0°C	
		centimeters of mercury @ 16°C	
		centimeters of water @ 4°C	

MM Database for reference

		meters of water @ 4°C (m-head)	
		meters of water @ 16°C	
		inches of mercury @ 32°F	
		inches of mercury @ 60.8°F	
		inches of water @ 39.2°F	
		inches of water @ 60.8°F	
		feet of water @ 39.2°F	
		feet of water @ 60.8°F	
		atmospheres, standard	
		atmospheres, technical (kgf/cm ²)	
Second Moment of Area			
	U.S./English		
		inches to fourth power	
		feet to fourth power	
	Metric		
		millimeters to fourth power	
		centimeters to fourth power	
		meters to fourth power	
Section Modulus			
	U.S./English		
		inches to third power	
	Metric		
		millimeters to third power	
		centimeters to third power	
Solid Angles			
		square degrees	
		steradians	
		spherical right angles	
		hemispheres	
		spheres	
Specific Volume			
	U.S./English		
		gallons (U.S. liq) per pound	
		gallons (U.S. liq) per long ton	
		gallons (Imp) per pound	
		gallons (Imp) per long ton	
	Metric		
		cubic meters per kilogram	
		liters per kilogram	
Surface Tension			
		newtons per meter	
		dynes per centimeter	
		ergs per square millimeter	
		ergs per square centimeter	
		milligram weights per millimeter	
Thrust to Mass Ratio			

MM Database for reference

		U.S./English	
			pound-force per pound
		Metric	
			newtons per kilogram
		Velocity (angular)	
			arcdegrees per second
			arcdegrees per minute
			milliradians per second
			radians per second
			radians per minute
			grads per second
			revolutions per second
			revolutions per minute
			revolutions per hour
			revolutions per day
		Velocity (linear)	
		U.S./English	
			inches per second
			feet per second
			feet per minute
			feet per hour
			miles per second
			miles per minute
			miles per hour
			knots (Int'l)
			knots (U.K.)
		Metric	
			meters per second
			meters per minute
			meters per hour
			kilometers per hour
		Physical Constants	
			speed of light, vacuum
			sound speed, air, 18°C
			sound speed, fresh water
			sound speed, sea water
			sound speed, Hydrogen, 18°C
			sound speed, Nitrogen, 0°C
			sound speed, Oxygen, 0°C
		Dynamic Viscosity	
		U.S./English	
			pounds per foot second
			pounds per foot hour
			slugs per foot second
			pound-force seconds per square inch
			pound-force seconds per square foot

MM Database for reference

		poundal seconds per square foot	
	Metric		
		pascal seconds (N s/m ² or kg/(m s))	
		poise	
		centipoise	
		reyns	
		reciprocal rhes	
	Volumetric Flow Rate		
	U.S./English		
		cubic inches per second	
		cubic inches per minute	
		cubic feet per second	
		cubic feet per minute	
		cubic feet per hour	
		cubic yards per second	
		cubic yards per minute	
		cubic yards per hour	
		acre feet per second	
		acre feet per minute	
		acre feet per hour	
		gallons (U.S. liq) per second	
		gallons (U.S. liq) per minute	
		gallons (U.S. liq) per hour	
		gallons (U.S. liq) per day	
		gallons (Imp) per second	
		gallons (Imp) per minute	
		gallons (Imp) per hour	
		gallons (Imp) per day	
		pounds of water per minute	
	Metric		
		liters per second	
		liters per minute	
		liters per hour	
		cubic meters per second	
		cubic meters per minute	
		cubic meters per hour	
	Work & Mechanical Energy		
	U.S./English		
		foot pounds-force	
		foot poundals	
		British thermal units (Int'l Table)	
		British thermal units (thermochemical)	
		British thermal units (mean)	
		British thermal units (39°F)	
		British thermal units (60°F)	
		quads	

MM Database for reference

			therms (EEC)	
			therms (US)	
			horsepower hours (elect.)	
		Metric		
			liter atmospheres (technical)	
			millijoules	
			joules (newton meters)	
			kilojoules	
			megajoules	
			ergs (dyne centimeters)	
			wattseconds	
			watthours	
			kilowatthours	
			megawatthours	
			calories (15°C)	
			calories (20°C)	
			calories (International)	
			calories (thermochemical)	
			calories (mean)	
			kilocalories (International)	
			calories, nutrition (kilocalories)	
			Centigrade heat units	
			thermies	
			electronvolts	
			million electronvolts	
			gigaelectronvolts	
Time				
		Elapsed Time		
			cesium atom vibrations	
			nanoseconds, mean solar	
			shakes	
			milliseconds, mean solar	
			seconds, mean solar or SI	
			minutes, mean solar	
			hours, mean solar	
			hours:min:sec, ms	
			days, mean solar	
			days:hours:min:sec, ms	
			weeks, mean solar	
			fortnights, mean solar	
			months, mean solar	
			years, mean solar (365 days)	
			yrs:wks:days:hrs:min:sec, ms	
			seconds, sidereal	
			minutes, sidereal	
			hours, sidereal	

MM Database for reference

		days, sidereal	
		years, sidereal	
		years-tropical, AD 1900	
		decades, tropical	
		centuries, tropical	
		millenia, tropical	
		years, cosmic	
		eons, tropical	
	World Time		
	Africa		
		Algeria	
		Egypt	
		Ethiopia	
		Kenya	
		Liberia	
		Libya	
		Morocco	
		Nigeria	
		South Africa	
		Sudan	
		Tanzania	
		Tunisia	
		Zimbabwe	
	Asia & South Pacific (g)		
		Afghanistan	
		Australia-eastern	
		Australia-central	
		Australia-western	
		Bangladesh	
		Burma	
		China	
		Hong Kong	
		India	
		Indonesia-Jakarta	
		Japan	
		Korea	
		Malaysia	
		Nepal	
		New Guinea-eastern	
		New Guinea-western	
		New Zealand	
		Pakistan	
		Philippines-Manila	
		Singapore	
		Sri Lanka	
		Taiwan	

MM Database for reference

		Thailand	
		Russia-Tashkent	
		Russia-Vladivostok	
		Vietnam	
		Canadian provinces	
		Alberta	
		British Columbia	
		British Columbia-ne & se	
		Labrador	
		Manitoba	
		New Brunswick	
		Newfoundland	
		Northwest Territories-eastern	
		Northwest Territories-central	
		Northwest Territories-western	
		Nova Scotia	
		Ontario	
		Ontario-western	
		Prince Edward Island	
		Quebec	
		Quebec-northeastern	
		Saskatchewan-eastern	
		Saskatchewan-western	
		Yukon	
		Central America & Carribean	
		Barbados	
		Bermuda	
		Costa Rica	
		Cuba	
		El Salvador	
		Guatemala	
		Honduras	
		Nicaragua	
		Panama	
		Puerto Rico	
		Trinidad	
		Europe	
		Albania	
		Austria	
		Belgium	
		Bulgaria	
		Czechoslovakia	
		Denmark	
		East Germany	
		England	
		Finland	

MM Database for reference

		France	
		Greece	
		Holland	
		Hungary	
		Iceland	
		Ireland	
		Italy	
		Netherlands	
		Northern Ireland	
		Norway	
		Poland	
		Portugal	
		Romania	
		Scotland	
		Spain	
		Sweden	
		Switzerland	
		Turkey	
		Russia-Leningrad	
		Russia-Moscow	
		Wales	
		West Germany	
		Yugoslavia	
	Middle East		
		Iran	
		Iraq	
		Israel	
		Jordan	
		Kuwait	
		Lebanon	
		Oman	
		Saudi Arabia	
		Syria	
	North American Cities		
		Anchorage-AK	
		Atlanta-GA	
		Boston-MA	
		Chicago-IL	
		Dallas-Fort Worth-TX	
		Denver-CO	
		Detroit-MI	
		Edmonton-Alta	
		Halifax-N.S.	
		Honolulu-HI	
		Houston-TX	
		Kansas City-MO-KA	

MM Database for reference

		Los Angeles-CA	
		Mexico City-Mexico	
		Miami-FL	
		Minneapolis-MN	
		Montreal-PQ	
		Nashville-TN	
		New Orleans-LA	
		New York-NY	
		Philadelphia-PA	
		Portland-OR	
		Salt Lake City-UT	
		San Francisco-CA	
		Seattle-WA	
		St. John's-Nfld	
		Toronto-Ont.	
		Vancouver-B.C.	
		Washington DC	
		Winnipeg-Man	
		North American Time Zones	
		Atlantic Time	
		Eastern Time	
		Central Time	
		Mountain Time	
		Pacific Time	
		South America (n)	
		Argentina	
		Brazil-Manaus	
		Brazil-Rio De Janeiro	
		Chile	
		Colombia	
		Ecuador	
		Paraguay	
		Peru	
		Uruguay	
		Venezuela	
		U.S. states	
		Alabama	
		Alaska	
		Arizona	
		Arkansas	
		California	
		Colorado	
		Connecticut	
		Delaware	
		District of Columbia	
		Florida	

MM Database for reference

		Florida-western tip	
		Georgia	
		Hawaii	
		Idaho-northern	
		Idaho-southern	
		Illinois	
		Indiana	
		Indiana-nw & sw	
		Iowa	
		Kansas-eastern	
		Kansas-western	
		Kentucky-eastern	
		Kentucky-western	
		Louisiana	
		Maine	
		Maryland	
		Massachusetts	
		Michigan	
		Michigan-northwestern	
		Minnesota	
		Mississippi	
		Missouri	
		Montana	
		Nebraska-eastern	
		Nebraska-western	
		Nevada	
		New Hampshire	
		New Jersey	
		New Mexico	
		New York	
		North Carolina	
		North Dakota	
		North Dakota-southwestern	
		Ohio	
		Oklahoma	
		Oregon	
		Oregon-eastern	
		Pennsylvania	
		Rhode Island	
		South Carolina	
		South Dakota-eastern	
		South Dakota-western	
		Tennessee-eastern	
		Tennessee-western	
		Texas	
		Texas-western tip	

MM Database for reference

			Utah	
			Vermont	
			Virginia	
			Washington	
			West Virginia	
			Wisconsin	
			Wyoming	
Unit Costs & Quantities				
	Cost per Unit Area			
	U.S./English			
			cost per square inch	
			cost per square foot	
			cost per square yard	
			cost per acre	
			cost per square mile	
	Metric			
			cost per square centimeter	
			cost per square meter	
			cost per hectare	
			cost per square kilometer	
	Cost per Unit Length			
	U.S./English			
			cost per inch	
			cost per foot	
			cost per yard	
			cost per mile	
	Metric			
			cost per centimeter	
			cost per decimeter	
			cost per meter	
			cost per kilometer	
	Cost per Unit Weight			
	U.S./English			
			cost per ounce (avdp)	
			cost per ounce (apoth)	
			cost per pound (avdp)	
			cost per pound (apoth)	
			cost per short ton	
			cost per long ton	
	Metric			
			cost per gram	
			cost per assay ton	
			cost per kilogram	
			cost per metric ton (tonne)	
	Cost per Unit Volume			
	U.S./English			

MM Database for reference

		cost per cubic inch	
		cost per cubic foot	
		cost per cubic yard	
		cost per ounce (U.S. fluid)	
		cost per fifth (U.S. liq)	
		cost per quart (U.S. liq)	
		cost per quart (U.S. dry)	
		cost per gallon (U.S. liq)	
		cost per gallon (U.S. dry)	
		cost per peck (U.S. dry)	
		cost per bushel (U.S. dry)	
		cost per barrel (U.S. liq)	
		cost per barrel (oil)	
		cost per board foot	
		cost per 1000 board feet	
		cost per cunit (wood)	
		cost per cord (wood)	
		cost per ounce (Imp fluid)	
		cost per quart (Imp)	
		cost per gallon (Imp)	
		cost per peck (Imp)	
		cost per bushel (Imp)	
		cost per barrel (Imp)	
		Metric	
		cost per cubic millimeter	
		cost per cubic centimeter	
		cost per cubic meter	
		cost per deciliter	
		cost per liter	
		cost per dekaliter	
		Coverage	
		U.S./English	
		square feet per gallon (U.S. liq)	
		square yards per gallon (U.S. liq)	
		gallons (U.S. liq) per acre	
		gallons (U.S. dry) per acre	
		gallons (U.S. liq) per square mile	
		gallons (U.S. dry) per square mile	
		gallons (Imp) per acre	
		gallons (Imp) per square mile	
		square feet per gallon (Imp)	
		square yards per gallon (Imp)	
		Metric	
		square meters per liter	
		hectares per cubic meter	
		square kilometers per cubic meter	

MM Database for reference

		liters per square meter	
		cubic meters per hectare	
		cubic meters per square kilometer	
Quantity per Unit Area			
	U.S./English		
		quantity per square inch	
		quantity per square foot	
		quantity per square yard	
		quantity per acre	
		quantity per square mile	
	Metric		
		quantity per square centimeter	
		quantity per square meter	
		quantity per hectare	
		quantity per square kilometer	
Trivia			
	Astronomy -Areas		
		square kilometers	
		square miles	
		Sun	
		Earth	
		Moon	
		Mercury	
		Venus	
		Mars	
		Jupiter	
		Saturn	
		Uranus	
		Neptune	
		Pluto	
	Astronomy -Gravitation		
		Sun	
		Earth	
		Moon	
		Mercury	
		Venus	
		Mars	
		Jupiter	
		Saturn	
		Uranus	
		Neptune	
		Pluto	
	Astronomy -Length & Distance		
		kilometers	
		million kilometers	
		billion (U.S.) kilometers	

MM Database for reference

		feet	
		miles	
		million miles	
		million miles	
		light minutes	
		light hours	
		light years	
		parsecs	
		Sun diameter	
		Earth diameter (mean)	
		Moon diameter	
		Mercury diameter	
		Venus diameter	
		Mars diameter	
		Jupiter diameter	
		Saturn diameter	
		Uranus diameter	
		Neptune diameter	
		Pluto diameter	
		red giant star diameter	
		white dwarf star diameter	
		Earth to Moon (mean)	
		Sun to Earth (astronomical unit)	
		Sun to Mercury (mean)	
		Sun to Venus (mean)	
		Sun to Mars (mean)	
		Sun to Jupiter (mean)	
		Sun to Saturn (mean)	
		Sun to Uranus (mean)	
		Sun to Neptune (mean)	
		Sun to Pluto (mean)	
		Sun-Alpha Centauri(nearest star)	
		Sun to Polaris (North star)	
		diameter of the Milky Way	
		Milky Way to nearest galaxy	
	Astronomy -Volumes		
		cubic kilometers	
		cubic miles	
		Sun	
		Earth	
		Moon	
		Mercury	
		Venus	
		Mars	
		Jupiter	
		Saturn	

MM Database for reference

			Uranus	
			Neptune	
			Pluto	
		Geography -Length & Distance		
			meters	
			kilometers	
			feet	
			miles	
			Mount Everest (Nepal-Tibet)	
			Mount Aconcagua (Argentina)	
			Mount McKinley (Alaska)	
			Mount Kilimanjaro (Tanzania)	
			Mont Blanc (France-Italy)	
			Matterhorn (Italy-Switzerland)	
			Amazon River	
			Colorado River	
			Ganges River	
			Mackenzie River	
			Mississippi-Missouri River	
			Niger River	
			Nile River	
			Rhine River	
			Thames River	
			Volga River	
			Niagara Falls	
			Angel Falls (highest falls; Venez.)	
			Suez Canal	
			Panama Canal	
			Grand Coulee Dam	
			Aswan Dam	
			SS Norway (luxury liner)	
			Queen Elizabeth (luxury liner)	
			QE 2 (luxury liner)	
			Queen Mary (luxury liner)	
			Seawise Giant (longest ship)	
			Spruce Goose's wingspan (plane)	
			Boeing 747's length (jet)	
			Boeing 747's wingspan (jet)	
			World Trade Center (NYC)	
			Statue of Liberty (NYC)	
			Empire State Building (NYC)	
			Washington Memorial (monument)	
			Sears Tower (Chicago)	
			CN Tower (Toronto Ont.)	
			Eiffel Tower (Paris)	
			Notre Dame cathedral (ht)	

MM Database for reference

		Pyramid of Cheops (ht)	
		Great Wall of China	
		New York City to Los Angeles	
		New York City to London	
		New York City to Tokyo	
	Geography -Areas		
		hectares	
		square kilometers	
		acres	
		square miles	
		Earth	
		Atlantic Ocean	
		Pacific Ocean	
		Indian Ocean	
		Mediterranean Sea	
		U. S. (50 states)	
		Alaska	
		California	
		District of Columbia	
		Florida	
		Massachusetts	
		Nevada	
		New York	
		Ohio	
		Rhode Island	
		Texas	
		Washington State	
		Canada	
		China	
		France	
		U.K.	
	Speeds		
		meters per second	
		kilometers per hour	
		feet per second	
		miles per minute	
		miles per hour	
		Moon (avg orbital speed)	
		Mercury (avg orbital speed)	
		Venus (avg orbital speed)	
		Earth (avg orbital speed)	
		Mars (avg orbital speed)	
		Jupiter (avg orbital speed)	
		Saturn (avg orbital speed)	
		Uranus (avg orbital speed)	
		Neptune (avg orbital speed)	

MM Database for reference

			Pluto (avg orbital speed)	
			steam locomotive (fastest)	
			SNCF train (France)	
			Maglev's top speed (Japan)	
			piston engine airplane (fastest)	
			Boeing 747 (jumbo jet) top speed	
			1 mi. land speed record (Thrust 2)	
			sound thru air @18°C	
			Concorde's cruising speed	
			rifle bullet (average)	
			MIG-25 "Foxbat-B" (Russia)	
			air speed record (Lockheed SR-71)	
			shuttle Columbia @ engine cutoff	
			Apollo X command module	
			light thru vacuum	