SI/Metric To English Conversions

EXAMPLE: 1 Inch (in)	**=**	**2.54**	**Centimeters (cm)**

When you want to

	Convert:	**Multiply by:**	**To Find:**
Length	Inches (in)	2.54	Centimeters (cm)
	Centimeters (cm)	0.39	Inches (in)
	Feet (ft)	0.30	Meters (m)
	Meters (m)	3.28	Feet (ft)
	Yards (yd)	0.91	Meters (m)
	Meters (m)	1.09	Yards (yd)
	Miles (mi)	1.61	Kilometers (km)
	Kilometers (km)	0.62	Miles (mi)
Mass And Weight*	Ounces (oz)	28.35	Grams (g)
	Grams (g)	0.035	Ounces (oz)
	Pounds (lb)	0.45	Kilograms (kg)
	Kilograms (kg)	2.21	Pounds (lb)
	Tons	0.91	Tonnes**
	Tonnes**	1.10	Tons
	Pounds (lb)	4.45	Newtons (N)
	Newtons (N)	0.23	Pounds (lb)
Volume	Cubic Inches (in^3)	16.38	Cubic Centimeters (cm^3)
	Cubic Centimeters (cm^3)	0.06	Cubic Inches (in^3)
	Cubic Feet (ft^3)	0.028	Cubic Meters (m^3)
	Cubic Meters (m^3)	35.3	Cubic Feet (ft^3)
	Cubic Miles (mi^3)	4.17	Cubic Kilometers (km^3)
	Cubic Kilometers (km^3)	0.24	Cubic Miles (mi^3)
	Liters (L)	1.06	Quarts (qt)
	Liters (L)	0.26	Gallons (gal)
	Gallons (gal)	3.78	Liters (L)
Area	Square Inches (in^2)	6.45	Square Centimeters (cm^2)
	Square Centimeters (cm^2)	0.15	Square Inches (in^2)
	Square Feet (ft^2)	0.09	Square Meters (m^2)
	Square Meters (m^2)	10.76	Square Feet (ft^2)
	Square Miles (mi^2)	2.59	Square Kilometers (km^2)
	Hectares (hc)	2.47	Acres (ac)
	Acres (ac)	0.40	Hectares (hc)
Temperature	Fahrenheit (°F)	5/9 (°F-32)	Celsius (C)
	Celsius (C)	9/5 (C)+32	Fahrenheit (°F)
	Kelvin (K)	K – 273°	Celsius (C)
	Celsius (C)	C + 273°	Kelvin (K)

*Conversions between mass and weight assume measurements reflect gravitational force at Earth's surface. Although mass and weight cannot be equated, they are commonly compared.
**Metric Tons

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Relative Gravity Table

Planet	Relative Gravity
Mercury	0.38
Venus	0.92
Earth	**1.00**
Mars	0.38
Jupiter	2.54
Saturn	1.06
Uranus	0.92
Neptune	1.20
Pluto	0.23
THE MOON	1/6 or 0.167

Force of Gravity on Earth = 9.8 m/s^2
$N = Kg \bullet m/s^2$
1 mL = 1 cm^3
Area = L x W (Only for Square or Rectangle)
Volume = L x W x H (Only for Cube or Box Shaped Objects)
Density = Mass/Volume