

LENGTHS

1 meter (m)	= 3.281 foot (ft)
1 centimeter (cm)	= 0.3937 inch (in)
1 inch	= 2.54 centimeter (inch to cm conversion is EXACT)
1 mile (mi)	= 5280 foot (ft)
1 angstrom (Å)	= 10^{-10} meter
1 light-year	= 5.878×10^{12} mile
1 foot	= 12 inch

TEMPERATURES

$$^{\circ}\text{F} = \frac{9}{5}^{\circ}\text{C} + 32$$
$$^{\circ}\text{C} = \frac{5}{9}(^{\circ}\text{F} - 32)$$

PRESSURE

1 atm	= 760 mmHg
1 torr	= 1 mmHg

MASSES

1 kilogram	= 2.20 pound (lb)
1 pound (lb)	= 0.45359 kilogram = 16 ounce (oz)
1 ton	= 2000 pound = 907.185 kilogram
1 ounce	= 28.3 gram
1 <u>troy</u> ounce	= 31.10347 gram
1 amu	= 1.6606×10^{-24} gram

ENERGY

1 calorie (cal)	= 4.184 joule (J)
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VOLUMES

1 liter	= $1 \times 10^{-3} \text{ m}^3$ = 1.0567 quart (qt)
1 milliliter	= 1 cm^3
1 gallon (gal)	= 4 quart = 8 pint = 3.785 liter
1 quart (qt)	= 32 <u>fluid</u> ounce = 0.946 liter
1 <u>fluid</u> ounce	= 29.57 mL

TIME

1 hour	= 3600 seconds
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