

## Metric conversion Tables and Equivalents

### Temperature

Degrees Celsius to Fahrenheit	multiply by 1.8 (or 9/5) and add 32
Degrees Fahrenheit to Celsius	subtract 32 and multiply by 0.55 (or 5/9)

### Weight

To convert ounces to grams, multiply by 28.35	1 oz = 28.349 gm
To convert grams to ounces, multiply by 0.035	1 gm = 0.03527 oz
Pounds to kilograms, multiply by 0.45	1 lb = 0.45359 kg
Kilograms to pounds, multiply by 2.21	1 kg = 2.2046 lb
British ton to kilograms, multiply by 1016	1 kg = 2.2046 lb
British ton to kilograms, multiply by 1016	1 ton = 1,016 kg = 2240 lbs = 1.016 tonne
US tons to kilograms, multiply by 907	1 tonne = 1000 kg = 2200.6 lbs = 0.9842 ton

Capacity(US)	Linear dimensional	Mass
1 ml = 0.034 oz 1 oz = 29.573 ml 1 ml = 0.270 dram 1 dram = 3.697 ml 1 liter = 1.07 quarts 1 quart = 0.946 liter 1 liter = 0.264 gallon 1 gallon = 3.785 liters 1 teaspoon (tsp) = 5 mL 1 tablespoon (tbs) = 15 mL 2 tablespoons (tbs) = 30mL	1 cm = 0.394 in 1 inch = 2.540 cm 1 meter = 3.281 ft 1 ft = 0.305 m 1 meter = 1.094 yds 1 yard = 0.914 meter 1 kilometer = 0.621 mile 1 kilometer = 5/8 mile 1 mile = 1.609 km	1 gram = 15.432 grains 1 grain = 0.065 gram 1 gram = 0.035 oz 1 oz = 28.349 gram 1 kilogram = 2.205 lb 1 lb = 0.454 kg

### Volume

Multiply the left column by the middle column to get values for right column and divide right column by middle column to get values for left column

Multiply	→	To get
To get	←	Divide
Cubic cm (cc)	1	ml.
Oz (fluid)	29.57	ml.
Cubic ft.	7.48	ml.
Cubic ft.	0.0283	m <sup>3</sup>
Gal	128	Oz (fluid)
Gal	3.785	Liters
Gal	0.8333	Imp. Gal.
Cubic meters	1000	liters