

Conversions

U.S. System:

length

12 in = 1 ft

3 ft = 1 yd

5280 ft = 1 mi

1760 yd = 1 mi

weight

16 oz = 1 lb

2,000 lb = 1 ton

volume

8 fl oz = 1 c

2 c = 1 pt

4 c = 2 pt = 1 qt

4 qt = 1 gal

1 gal = 231 in³

3 tsp = 1 T

other

1 acre = 43,560 ft²

640 acres = 1 mi²

144 in² = 1 ft²

9 ft² = 1 yd²

27 ft³ = 1 yd³

Metric System:

k	h	da	grams liters meters	d	c	m
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length

1 km = 1000 m

1 m = 100 cm

1 m = 1000 mm

weight

1 kg = 1000 g

1 g = 1000 mg

1 mg = 1000 mcg

volume

1 L = 1000 ml

1 mL = 1 cm³ = 1 cc

1 mL = 1000 mcL

Conversions Between the Metric and the U.S. System:

length

1 m ≈ 3.2808 ft

1.609 km ≈ 1 mi

2.54 cm = 1 in

1 m ≈ 1.0936 yd

weight

28.35 g ≈ 1 oz

454 g ≈ 1 lb

1 kg ≈ 2.2 lb

908 kg ≈ 1 ton

volume

1 L ≈ 1.06 qt

1 L ≈ 33.8 fl oz

3.785 L ≈ 1 gal

5 mL ≈ 1 tsp

other

1 min = 60 s

1 hr = 60 min

1 hr = 3,600 s

$F = \frac{9}{5}C + 32$

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