

CONVERSION TABLES

METRIC/IMPERIAL MULTIPLIERS

TO CONVERT	INTO	MULTIPLY BY
Metres	Feet	3.281
Feet	Metres	0.3048
Inches	Metres	0.0254
Metres	Inches	39.37
Millimetres	Inches	0.03937
Inches	Millimetres	25.4
Millimetres	Feet	0.003281
Feet	Millimetres	304.8

USA LIQUID MEASURES AND UK EQUIVALENTS

USA DRY MEASURE EQUIVALENTS		
1 US pt	= 0.9689 UK pt	= 0.5506 l
1 US bushel	= 1.2445 ft ³	= 35.239 l
USA LIQUID MEASURE EQUIVALENTS		
1 US fl oz	= 1.0408 UK fl oz	= 29.574 ml
1 US pt (16 fl oz)	= 0.8327 UK pt	= 0.4732 l
1 US gal	= 0.8327 UK gal	= 3.7854 l

IMPERIAL MEASURES AND METRIC EQUIVALENTS

LENGTH		
1 inch (in)		= 2.54 cm
1 foot (ft)	= 12 in	= 0.3048 m
1 yard (yd)	= 3 ft	= 0.9144 m
1 mile	= 1,760 yd	= 1.6093 km
1 int. nautical mile	= 2,025.4 yd	= 1.852 km
AREA		
1 sq inch (in ²)		= 6.4516 cm ²
1 sq foot (ft ²)	= 144 in ²	= 0.0929 m ²
1 sq yard (yd ²)	= 9 ft ²	= 0.8361 m ²
1 acre	= 4,840 yd ²	= 4,046.9 m ²
1 sq mile (mile ²)	= 640 acres	= 2.590 km ²

METRIC MEASURES AND IMPERIAL EQUIVALENTS

LENGTH		
1 millimetre (mm)		= 0.0394 in
1 centimetre (cm)	= 10 mm	= 0.3937 in
1 metre (m)	= 100 cm	= 1.0936 yd
1 kilometre (km)	= 1,000 m	= 0.6214 mile
AREA		
1 sq cm (cm ²)	= 100 mm ²	= 0.1550 in ²
1 sq metre (m ²)	= 10,000 cm ²	= 1.1960 yd ²
1 sq km (km ²)	= 100 hectares	= 0.3861 mile ²

IMPERIAL/METRIC CONVERSION TABLE

FEET	INCHES	MM	METRES
2' 0"	24	610	0.610
2' 6"	30	762	0.762
3' 0"	36	914	0.914
3' 6"	42	1067	1.067
4' 0"	48	1219	1.219
4' 6"	54	1372	1.372
5' 0"	60	1524	1.524
5' 6"	66	1676	1.676
6' 0"	72	1829	1.829
6' 6"	78	1981	1.981
7' 0"	84	2134	2.134
7' 6"	90	2286	2.286
8' 0"	96	2438	2.438
8' 6"	102	2591	2.591
9' 0"	108	2743	2.743
9' 6"	114	2896	2.896
10' 0"	120	3048	3.048

VOLUME / CAPACITY		
1 cu inch (in ³)		= 16.387 cm ³
1 cu foot (ft ³)	= 1,728 in ³	= 0.0283 m ³
1 cu yard (yd ³)	= 27 ft ³	= 0.7646 m ³
1 fluid ounce (fl oz)		= 28.413 ml
1 pint (pt)	= 20 fl oz	= 0.5683 l
1 gallon (gal)	= 8 pt	= 4.546 l
MASS (WEIGHT)		
1 ounce (oz)	= 437.5 grains	= 28.35 g
1 pound (lb)	= 16 oz	= 0.4536 kg
1 stone	= 14 lb	= 6.3503 kg
1 hundredweight (cwt)	= 112 lb	= 50.802 kg
1 ton	= 20 cwt	= 1.016 t

VOLUME / CAPACITY		
1 cu cm (cm ³)		= 0.0610 in ³
1 cu decimetre (dm ³)	= 1,000 cm ³	= 0.0353 ft ³
1 cu metre (m ³)	= 1,000 dm ³	= 1.3080 yd ³
1 litre (l)	= 1 dm ³	= 1.76 pt
1 hectolitre (hl)	= 100 l	= 21.997 gal
MASS (WEIGHT)		
1 milligram (mg)		= 0.0154 grain
1 gram (g)	= 1,000 mg	= 0.0353 oz
1 metric carat	= 0.2 g	= 3.0865 grains
1 kilogram (kg)	= 1,000 g	= 2.2046 lb
1 tonne (t)	= 1,000 kg	= 0.9842 ton