

BASIC TABLES & CONVERSIONS AREA

Metric

Hectare (ha)	= 10,000 square metres
Square centimetre (cm ²)	= 0.0001 square metre
1 sq centimetre	= 0.16 sq in
1 sq metre	= 1.20 sq yd
1 sq metre	= 10.8 sq ft
1 hectare	= 2.47 ac

British

1 sq inch (sq in)	= 6.45 cm ²
1 sq foot (sq ft)	= 144 sq inches
1 sq yard (sq yd)	= 9 sq feet
1 acre (ac)	= 4,840 sq yards
1 sq foot	= 0.093 m ²
1 sq yard	= 0.836 m ²
1 acre	= 4,047 m ² or 0.405 ha

Conversion Factors

Sq metres to sq foot	x 10.8
Sq metres to sq yards	x 1.20
Hectares to acres	x 2.47
Sq feet to m ²	x 0.0929
Sq yards to m ²	x 0.836
Acres to hectares	x 0.405

LENGTH

Metric

Kilometre (km)	= 1,000 metres
Centimetre (cm)	= 0.01 metre
Millimetre (mm)	= 0.001 metre
1 millimetre	= 0.0394 in
1 centimetre	= 0.394 in
1 metre	= 1.09 yd
1 kilometre	= 0.621 miles

British

1 inch (in)	= 2.54 cm or 25.4 mm
1 foot (ft)	= 12 inches
1 yard (yd)	= 3 feet
1 mile	= 1,760 yards
1 foot	= 0.30 m

1 yard	= 0.91 m
1 mile	= 1.61 km

Conversion factors

Centimetres to inches	x 0.394
Millimetres to inches	x 0.0394
Metres to foot	x 3.29
Metres to yard	x 1.09
Kilometres to miles	x 0.621
Inches to cm or mm	x 2.54
Feet to metres	x 0.305
Yards to metres	x 0.914
Miles to kilometres	x 1.61

VOLUME & CAPACITY

Metric

Cubic metre (m ³)	= 1 kilolitre = 1,000 litres
Millilitre (ml)	= 1 cubic centimetre (cc) or 0.001 litre
100 millilitres	= 0.176 pint
1 litre	= 1.76 pints
1 kilolitre	= 220 gallons

British

1 pint	= 20 fl oz
1 gallon	= 8 pints
1 fluid ounce (fl oz)	= 28.4 ml
1 pint	= 0.568 litres
1 gallon	= 4.55 litres

Conversion Factors

Litres to pints	x 1.76
Litres to gallons	x 0.220
Pints to litres	x 0.568
Gallons to litres	x 4.55

Temperature

(°C) degree Centigrade (also known as Celsius)	(°F) degree Fahrenheit
Freezing point = 0°C	Freezing point = 32°F
Boiling point = 100°C	Boiling point = 212°F

Conversion

(°C x 1.8) + 32 = °F	(°F - 32) ÷ 1.8 = °C
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WEIGHT

Metric

Metric tonne (tonne)	= 1,000 kilograms
Gram (g)	= 0.001 kilogram
Milligram (mg)	= 0.001 gram
1 gram	= 0.035 oz
100 grams	= 3.53 oz
1 kilogram	= 2.20 lb
1 tonne	2,204 lb or 0.984 ton

British

1 ounce (oz)	= 28.3 g
1 pound (lb)	= 16 ounces
1 hundredweight (cwt)	= 112 pounds
1 ton	= 20 hundredweights
1 pound	= 454 g or 0.454 kg
1 hundredweight	= 50.8 kg
1 ton	= 1,016 kg or 1.016 tonne

Conversion Factors

Grams to ounces	x 0.0353
Grams to pounds	x 0.00220
Kilograms to pounds	x 2.20
Kilograms to hundredweights	x 0.0197
Tonnes to tons	x 0.984
Ounces to grams	x 28.3
Pounds to grams	x 454
Pounds to kilograms	x 0.454
Hundredweights to kilograms	x 50.8
Hundredweights to tonnes	x 0.0508
Tons to kilograms	x 1,016
Tons to tonnes	x 1.016