

Metric measures

(with approximate non-metric equivalents)

	Metric		Non-metric
Length	10 millimetres (mm)	= 1 centimetre (cm)	= 0.394 inch
	100 centimetres	= 1 metre (m)	= 39.4 inches/1.094 yards
	1000 metres	= 1 kilometre (km)	= 0.6214 mile
Area	100 square metres (m ²)	= 1 are (a)	= 0.025 acre
	100 ares	= 1 hectare (ha)	= 2.471 acres
	100 hectares	= 1 square kilometre (km ²)	= 0.386 square mile
Weight	1000 milligrams (mg)	= 1 gram (g)	= 15.43 grains
	1000 grams	= 1 kilogram (kg)	= 2.205 pounds
	1000 kilograms	= 1 tonne	= 19.688 hundredweight
Capacity	10 millilitres (ml)	= 1 centilitre (cl)	= 0.018 pint (0.021 US pint)
	100 centilitres	= 1 litre (l)	= 1.76 pints (2.1 US pints)
	10 litres	= 1 decalitre (dal)	= 2.2 gallons (2.63 US gallons)

Non-metric measures

(with approximate metric equivalents)

	Non-metric		Metric
Length	1 inch (in)	—	= 25.4 millimetres
	12 inches	= 1 foot (ft)	= 30.48 centimetres
	3 feet	= 1 yard (yd)	= 0.914 metre
	220 yards	= 1 furlong	= 201.17 metres
	8 furlongs	= 1 mile	= 1.609 kilometres
	1760 yards	= 1 mile	= 1.609 kilometres
Area	1 square (sq) inch	—	= 6.452 sq centimetres (cm ²)
	144 sq inches	= 1 sq foot	= 929.03 sq centimetres
	9 sq feet	= 1 sq yard	= 0.836 sq metre
	4840 sq yards	= 1 acre	= 0.405 hectare
	640 acres	= 1 sq mile	= 259 hectares/ 2.59 sq kilometres
Weight	437 grains	= 1 ounce (oz)	= 28.35 grams
	16 ounces	= 1 pound (lb)	= 0.454 kilogram
	14 pounds	= 1 stone (st)	= 6.356 kilograms
	8 stone	= 1 hundredweight (cwt)	= 50.8 kilograms
	20 hundredweight	= 1 ton	= 1016.04 kilograms
British capacity	20 fluid ounces (fl oz)	= 1 pint (pt)	= 0.568 litre
	2 pints	= 1 quart (qt)	= 1.136 litres
	8 pints	= 1 gallon (gal.)	= 4.546 litres
American capacity	16 US fluid ounces	= 1 US pint	= 0.473 litre
	2 US pints	= 1 US quart	= 0.946 litre
	4 US quarts	= 1 US gallon	= 3.785 litres