

# Measures

## Linear Measure:

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1 Centimetre (cm)	0.394 Inch (in.)
1 Metre (m)	3.281 Feet (ft.)
	1.094 Yards (yd.)
1 Kilometre (km)	0.621 Mile (mi.)
(8 km = 5 Miles approx.)	0.540 Nautical Mile
1 Inch	2.540 cm
1 Foot (12 Inches)	30.480 cm
1 Yard	91.440 cm
(3 Feet = 36 Inches)	(32 m = 35 Yards)
1 Mile ("Statute Mile")	1.609 km
= 1760 Yards	
1 Nautical Mile, International	1,852 m

## Surface Measure:

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1 Square Centimetre (cm <sup>2</sup> )	0.155 Square Inch (sq.in.)
1 Square Metre (m <sup>2</sup> )	10.765 Square Feet (sq.ft.)
	1.196 Square Yards (sq.yd.)
1 Hectare (ha) = 100 Ares (a) = 10,000 m <sup>2</sup>	2.471 Acres
1 Square Kilometre (km <sup>2</sup> )	0.386 Square Mile (sq.mi.)
	168.120 Claims (cl.)
1 Square Inch	6.452 cm <sup>2</sup>
1 Square Foot (144 sq.in.)	0.093m <sup>2</sup>
1 Square Yard (9 sq.ft.)	0.836 m <sup>2</sup>
1 Acre (4,840 sq.yd.)	40.469 a = 0.405 ha
1 Square Mile (640 Acres)	2.590 km <sup>2</sup> = 259.0 ha
1 Claim (64.025 sq.ft.)	0.006 km <sup>2</sup> = 0.595 ha

## Volume and Liquid Measure:

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1 Litre (l) = 1000 cm <sup>3</sup>	35.211 Fluid Ounces (oz.fl.)
	1.760 Imperial Pints (imp.pt.)
	0.880 Imperial Quart (imp.qt.)
	0.220 Imperial Gallon (imp.gal.)
	1.057 US. Quarts (US.qt.)
	0.264 US. Gallon (US.gal.)
1 Hectolitre (hl) = 100 l	21.998 Imperial Gallons (imp.gal.)
	26.418 US. Gallons (US.gal.)
	2.750 Imperial Bushels
	2.838 US. Bushels
	0.355 Quarter (qr.)
1 Cubic Centimetre (cm <sup>3</sup> )	0.061 Cubic Inch (cu.in.)
1 Cubic Decimetre (dm <sup>3</sup> )	61.023 Cubic Inches (cu.in.)
1 Cubic Metre (m <sup>3</sup> ) = 1000 l	35.314 Cubic Feet (cu.ft.)
	1.308 Cubic Yards (cu.yd.)
	0.353 Register Ton (RT)
1 Fluid Ounce	0.284 dl
1 Imperial Pint (4 Gills)	0.568 l
1 Imperial Quart (2 Pints)	1.137 l
1 Imperial Gallon (4 Quarts = Pints: 277 Cubic Inches)	4.546 l
1 US. Quart	0.946 l

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## Volume and Liquid Measure:

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1 US. Gallon (231 Cubic Inches)	3.785 l
1 Imperial Gallon	0.045 hl = 4.546 l
1 US. Gallon	0.038 hl = 3.785 l
1 Imperial Bushel (8 Imp. Gallons)	0.364 hl = 36.369 l
1 US. Bushel	0.352 hl = 35.239 l
1 Quarter (8 Bushels)	2.819 hl = 281.912 l
1 Cubic Inch	16.387 cm <sup>3</sup>
1 Cubic Foot (1728 Cubic Inches)	0.028 m <sup>3</sup>
1 Cubic Yard (27 Cubic Feet)	0.765 m <sup>3</sup>
1 Register Ton (100 Cubic Feet)	2.832 m <sup>3</sup>

## Weights:

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1 Gramme (g)	15.432 Grains (gr.) 0.643 Pennyweight (dwt.)
1 kilogramme (kg) = 1000 g	35.274 Avdp. Ounces (oz.) 32.151 Troy Ounces (tr.oz.) 2.205 Avdp. Pounds (lb.) 0.157 Stone (st.) 0.079 Quarter (gr.)
1 Quintal (q) = 100 kg	220.462 Avdp. Pounds 2.205 Centals (US. Hundredweights)
1 Metric Ton (t) = 10 q = 1000 kg	1.968 Hundredweights (cwt.) 1.102 Short Tons (sh.tn.) 0.984 Long or Gross Ton (l.tn.)
1 Grain	0.065 g
1 Pennyweight (24 Grains)	1.555 g
1 Avoirdupois Ounce (437.5 Grains = 1/16 Avdp. Pound)	0.028 kg = 28.350 g
1 Troy Ounce (1/12 Engl. Troy Pound)	0.031 kg = 31.104 g
1 Avoirdupois Pound (16 Ounces)	0.454 kg = 453.592 g
1 Stone (14 Pounds)	6.350 kg
1 Quarter (28 Pounds)	12.701 kg
1 Cental (100 Pounds) = 1 US. Hundredweights	0.454 q = 45.359 kg
1 Hundredweights (4 Quarters = 112 Pounds)	0.508 q = 50.802 kg
1 Short Ton (2000 Pounds)	0.907 t = 907.185 kg
1 Long Ton (20 Hundred- weights = 80 Quarters = 2240 Pounds)	1.016 t = 1,016.047 kg