

Measures and Conversions

	Metric	Imperial
Length	mm (millimeter) cm (centimetre) m (metre) km (kilometre)	inch foot, yard mile
Mass	mg (milligram) g (gram) kg (kilogram)	oz (ounce) lb (pound) stone
Capacity	ml (millilitre) cl (centilitre) l (litre)	fl oz (fluid ounces) pint gallon

kilo	means 1000	<i>So, it may be easier to think of these in relation to the specific type of measure you are using eg metres, in which case:</i>	kilometre means	1000 metres	So, to take these values to a km	× 1000
centi	means $\frac{1}{100}^{\text{th}}$		centimeter means	$\frac{1}{100}^{\text{th}}$ of a metre		× 100 000
milli	means $\frac{1}{1000}^{\text{th}}$		Millimeter means	$\frac{1}{1000}^{\text{th}}$ of a metre		× 1000 000

Table of Common Conversions					
Length	mm (millimetre)	10 in a	cm (centimetre)	1000 in a	m (metre)
	cm (centimetre)	100 in a	m (metre)	1000 in a	km (kilometre)
	cm (centimetre)	2.54 in an	inch		
	km (kilometre)	1.6 to a	mile		
Mass	mg (milligram)	1000 in a	g (gram)	1000 000 in a	kg (kilogram)
	g (gram)			1000 in a	kg (kilogram)
	kg (kilogram)	1 = 2.2	lb (pounds)		
Capacity	ml (millilitre)	10 in a	cl (centilitre)	1000 in a	l (litre)
	cl (centilitre)			100 in a	l (litre)
	l (litre)	1 = $1\frac{3}{4}$	pints		
	l (litre)	4.5 = 1	gallon		