

Metric measures (cgs)

Length	Weight/Mass	Capacity
10 mm = 1 cm	1000 mg = 1 g	1 ml = 1000 mm ³
100 cm = 1 m	1000 g = 1 kg	10 ml = 1 cl
1000 m = 1 km	1000 kg = 1 tonne	100 cl = 1 litre
		1000 cm ³ = 1 litre

Imperial measures

Length	Weight/Mass	Capacity
12 inches = 1 foot (ft)	16 ounces (oz)	20 fluid oz
3 ft = 1 yard (yd)	= 1 pound (lb)	= 1 pint (pt)
1760 yds = 1 mile	14 lb = 1 stone	8 pt = 1 gallon

Time

60 seconds = 1 minute	52 weeks = 1 year
60 minutes = 1 hour	12 months = 1 year
24 hours = 1 day	10 years = 1 decade
7 days = 1 week	100 years = 1 century

Averages

Suppose we have a set of numbers. There are three common types of **average**:

Mean	$\frac{\text{Sum of the numbers}}{\text{number of items of data}}$
Median	middle number in an ordered set of data
Mode	number which occurs most often

Spread

The **range** tells us about how widely spread the data values are:

Range = highest value - lowest value

Interquartile range = upper quartile - lower quartile

Probability



The probability of an event occurring is a number between 0 and 1.

The probability can be calculated from:

$$\frac{\text{number of outcomes for an event}}{\text{total number of outcomes}}$$