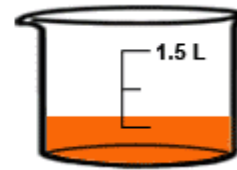
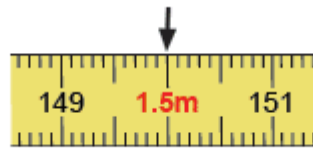




Decimals and measurements



When writing measurements we often use decimals. The decimal point separates the 'whole' number from the 'parts' of the whole number

Length

With length the decimal point can be used to separate the metres from the centimetres:

- 2.5 metres
- 2 metres and 50 centimetres

1 metre = 100 centimetres

The decimal point can also be used to separate the centimetres from the millimetres:

- 2.5 cm
- 2 centimetres and 5 millimetres

1 centimetre = 10 millimetres

Weight

With weight the decimal point can be used to separate the kilograms from the grams:

- 3.45 kg
- 3 kilograms and 450 grams

1 kilogram = 1 000 grams

Capacity

With capacity the decimal point can be used to separate the litres from the millilitres:

- 7.3 l
- 7 l and 300 ml
- and 0.8 l is the same as 800 millilitres

1 litre = 1 000 millilitres

Tips:

- When using decimals to write measurements it is not always necessary to use zeros as a place holder at the end. For example 1.5 m is the same as 1.50 m and 2.2 kg, is the same as 2.200 kg
- 0.5 is the same as a half, so 0.5 m is half a metre = 50 cm. For example $2.5 \text{ m} = 2\frac{1}{2} \text{ m}$