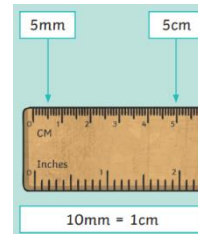
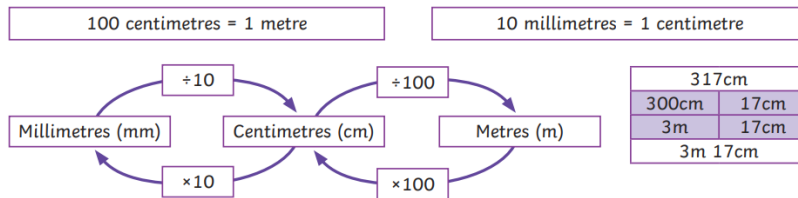


## What should I already know?

- That objects can be measured, compared and ordered according to height, length, mass, volume and capacity.
- That there are standard units of measures which can be used depending on whether we are dealing with height/ length, mass or volume/ capacity.
- That we need to use different equipment depending on what we are measuring
- To read a scale from 0 to get an accurate measure

## Key Knowledge

### Length



### Mass

Scales can be used to measure grams.

A gram is a unit of measurement that is used to measure the mass of something.

Grams can be written as **g**.



Scales can be used to measure kilograms.

A kilogram is a unit of measurement that is greater than a gram. It is also used to measure the mass of something.

Kilograms can be written as **kg**.



1000g = 1kg

To compare mass, we can use the words 'heavier' and 'lighter'.

### Capacity

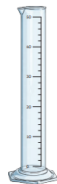
**Capacity** is the amount of liquid a container can hold.

**Volume** is how much liquid is in the container.

Measuring cylinders can be used to measure smaller volumes.

Smaller volumes are measured in millilitres.

Millilitres can be written as **ml**.



Measuring jugs can be used to measure larger volumes.

Greater volumes are measured in litres.

Litres can be written as **l**.

1000ml = 1l

To compare capacities, we can use the word 'full'.



## Key Vocabulary and definitions

<b>Length</b>	The distance between two ends of a line or object
<b>Height</b>	The measurement of someone or something from head to foot or base to top
<b>Mass</b>	Amount of matter or substance an object contains
<b>Volume</b>	The space that a 3D object occupies or contains
<b>Capacity</b>	How much fluid fits inside a container
<b>Scales</b>	Equipment used for measuring mass
<b>Scale</b>	A number track which you need to read to measure something
<b>Interval</b>	How numbers are spaced equally along a scale
<b>Millimetre, centimetre, metre</b>	Standard units of measure for length
<b>Gram, kilogram</b>	Standard units of measure for mass
<b>Millilitre, litre</b>	Standard units of measure for capacity/volume