

Key concepts and questions

How are length, mass, volume and temperature measured?

Length: cm and m

Mass: kg and g

Temperature: °C

Capacity/volume: ml and l

What key vocabulary can we use to compare measure?

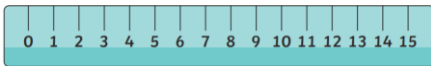
- Long, short, longer, shorter, longest and shortest are used to compare length
- Tall, short, taller, shorter, tallest and shortest are used to compare height
- Heavy, light, heavier, lighter, heaviest and lightest are used to compare weight
- Full, empty, half full and nearly full can be used to compare volume and capacity

Key Vocabulary

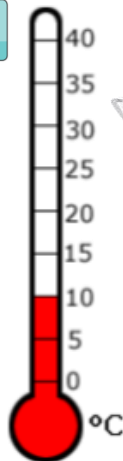
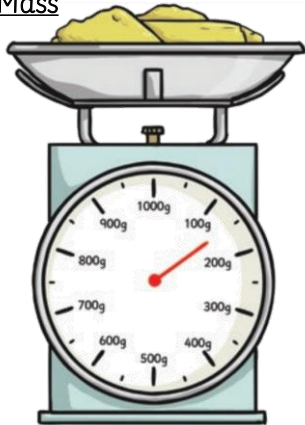
Length	How long something is. 1m (metre) = 100cm (centimetres)
Distance	The length between two points or places
Height	How tall something is, the measurement from top to bottom
Mass	How heavy something is. 1kg (kilogram) = 1000g (grams)
Scales	Used to measure mass. These could be electronic or balance scales.
Capacity	How much a container can hold. 1l (litre) = 1000ml (millilitres)
Volume	How much is in a container.
Temperature	A measure of heat.
Thermometer	This can be used to measure temperature.
Estimate	To make a educated guess using information you know.

Representations

Length

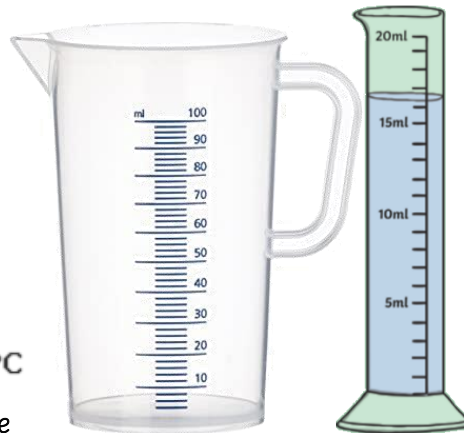


Mass



Temperature

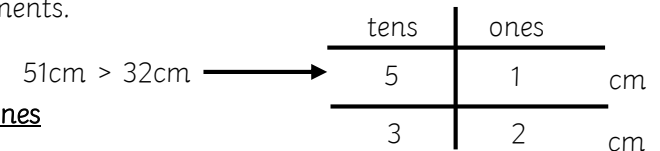
Volume/capacity



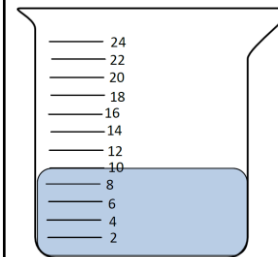
Making connections

> < and =

We can use these symbols to compare measures. Place value charts can be used to help compare and order measurements.



Numberlines



Scales on measuring equipment are numberlines. The scale on this jug is going up in 2s, just like the numberline below.

