# Length/mass/capacity/temperature

6 questions | 9 marks

Equivalent correct methods earn the corresponding marks.

**1.** Name the quantity measured by a thermometer. [1 mark]

A thermometer tells how hot or cold something is.

**Answer:** Temperature.

**2.** Choose a useful unit for a classroom's length: cm, m or °C. [1 mark]

It is a length.

Metres give a practical number for a room.

**Answer:** Metres (m).

**3.** Choose a sensible capacity for a drink carton: 250 mL or 250 L. [1 mark]

A small carton cannot hold hundreds of litres.

**Answer:** 250 mL.

**4.** Match ruler, kitchen scales and measuring jug to length, mass and liquid amount. [3 marks]

Use the instrument designed for each quantity.

**Answer:** Ruler: length; scales: mass; jug: liquid amount.

**5.** A learner writes that a pencil has a mass of 15 cm. Explain and correct the unit type. [2 marks]

The quantity and unit must match.

A sensible possible pencil mass is 15 g; the actual pencil must be weighed.

**Answer:** Centimetres measure length, not mass. A mass could be stated in grams.

**6.** A parcel has a mass of 1000 g. Use 1000 g = 1 kg to express its mass in kilograms. [1 mark]

The given equality states that 1000 grams is one kilogram.

**Answer:** 1 kg