1) Complete the table showing the metric measurement units and abbreviations:

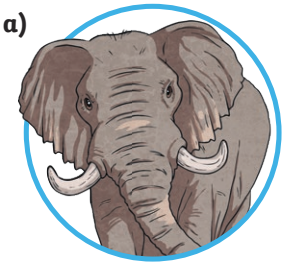
Length	millimetre (mm)
	_____ (cm)
	metres (_____)
	_____ (_____)
Mass	_____ (g)
	_____ (_____)
	_____ (t)
Capacity and Volume	_____ (ml)
	_____ (_____)

2) Give the most appropriate unit of measurement:

- height of a door
- volume of water in a glass
- length of a pencil point
- mass of a person
- length of a reading book
- mass of a rubber

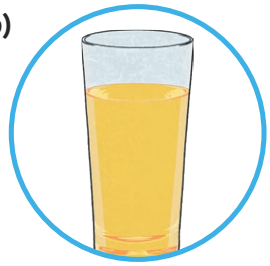
3) Choose the best estimation for each question.

a)



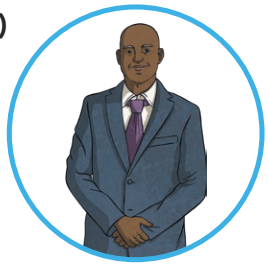
- ◯ 5kg
- ◯ 5 tonnes
- ◯ 500g
- ◯ 0.05 tonnes

b)



- ◯ 2ml
- ◯ 2l
- ◯ 20l
- ◯ 0.2l

c)



- ◯ 18m
- ◯ 1.8m
- ◯ 18mm
- ◯ 18 000cm

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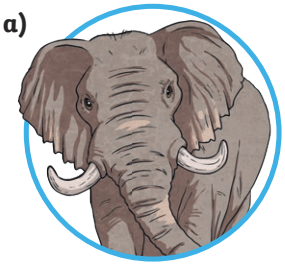

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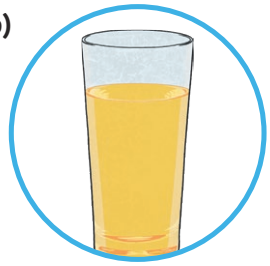

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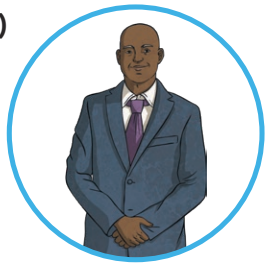

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1)

1 000 000g = 1000kg = 1 tonne

Hamza and Megan have ordered the masses incorrectly on the diagrams below. Explain why you think they chose to order the masses in that way.

Hamza

1 000 000g — **1000kg** — **1 tonne**

Lightest mass — Heaviest mass

Megan

1 tonne — **1000kg** — **1 000 000g**

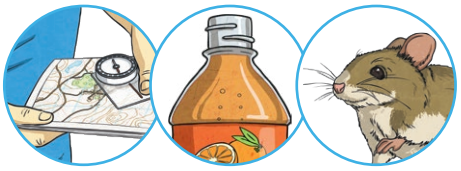
Lightest mass — Heaviest mass

2) Are these statements always, sometimes or never true? Prove it!

a) A distance measured in kilometres is longer than a distance measured in metres.

b) An empty bottle has a capacity of 1l. The same bottle, when half full, has a volume of 1l.

c) The mass of a mouse will be shown in grams.



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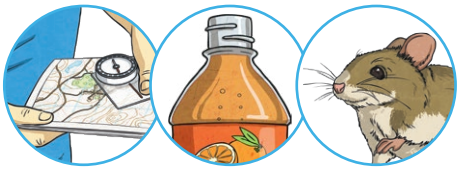

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1) Daniel's dad is double the height of a desk. Daniel's dad is approximately $\frac{1}{4}$ of the height of his house. Estimate how tall Daniel's house is.

2) An average walking speed is 85m a minute. Daniel takes 30 mins to walk to school every day.

The distance Daniel currently walks to school is about $\frac{1}{9}$ of the distance between his primary school and his brother's secondary school.

Estimate how far Daniel lives from his brother's school.

3) If the average walking speed is 85m a minute, estimate how far you could walk if you walked continuously for:

a) 6 hours

b) A whole day

c) A week

d) A year

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