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

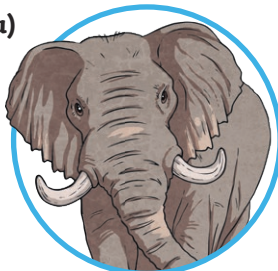|	
Length	millimetre (mm)
	_____ (cm)
	metres (_____)
	_____ (_____)
Mass	_____ (g)
	_____ (_____)
	_____ (t)
Capacity and Volume	_____ (ml)
	_____ (_____)

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 _____

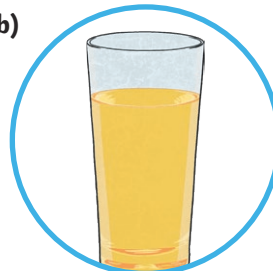- length of a reading book _____

- mass of a rubber _____

3) Tick the best estimation for each question.

a)

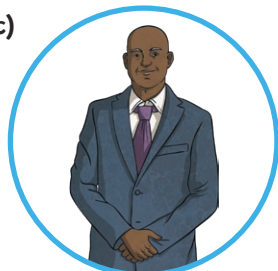- ○ 5kg
- ○ 5 tonnes
- ○ 500g
- ○ 0.05 tonnes

b)

- ○ 2ml
- ○ 2l
- ○ 20l
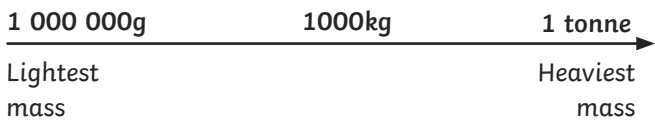- ○ 0.2l

c)

- ○ 18m
- ○ 1.8m
- ○ 18mm
- ○ 18 000cm

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   Heaviest
mass   mass

_____

_____

_____

_____

Megan

| 1 tonne | 1000kg | 1 000 000g |

Lightest   Heaviest
mass   mass

_____

_____

_____

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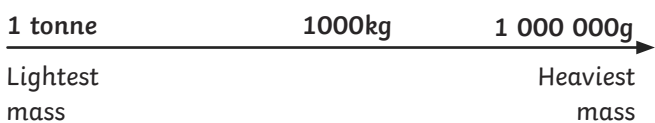
2) Are these statements always, sometimes or never true? Prove it!

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.

_____

_____

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 _____