Q1.

Kate has a piece of ribbon **one metre** long.

She cuts off 30 centimetres.

How many centimetres of ribbon are left?

cm

1 mark

Q2.

Put these masses in order, starting with the heaviest.

800 g $\frac{1}{2}$ kg 1 kg 60 g

heaviest

1 mark

Q3.

Put these volumes in order, starting with the smallest.

900 ml $\frac{1}{2}$ litre 1 litre 80 ml

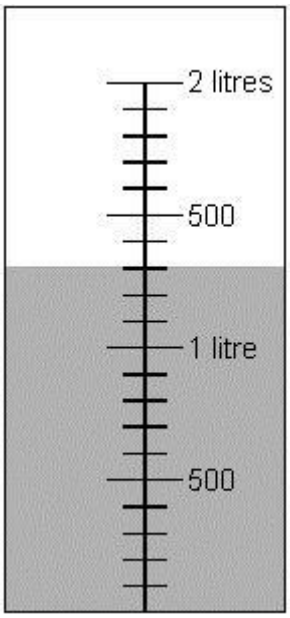
smallest

1 mark

Q4.

This is the scale on the side of a measuring jar.

There is some coloured water in the jar.



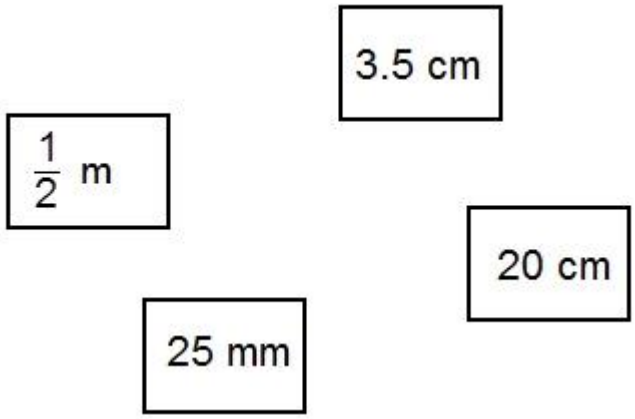
How much **more** water is needed to make **2 litres**?

ml

1 mark

Q5.

Write these lengths in order, starting with the shortest.



shortest

1 mark

Q6.

Here are four lengths.

55 mm	5 cm	0.55 m	5.5 mm

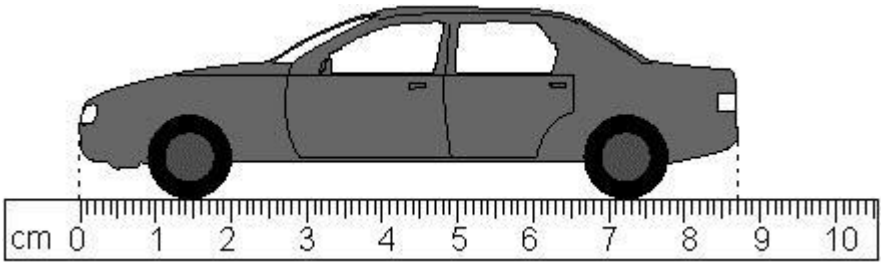
Write the lengths in order, starting with the shortest.

shortest

1 mark

Q7.

Here is a drawing of a model car.



What is the **length** of the model?

Give your answer in **centimetres**, correct to one decimal place.

cm

1 mark

The height of the model is **2.8 centimetres**.

The height of the real car is **50** times the height of the model.

What is the **height** of the **real car**?

Give your answer in **metres**.

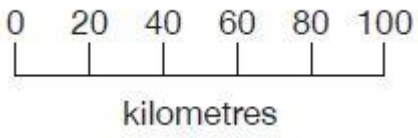
Show your method

metres

2 mark

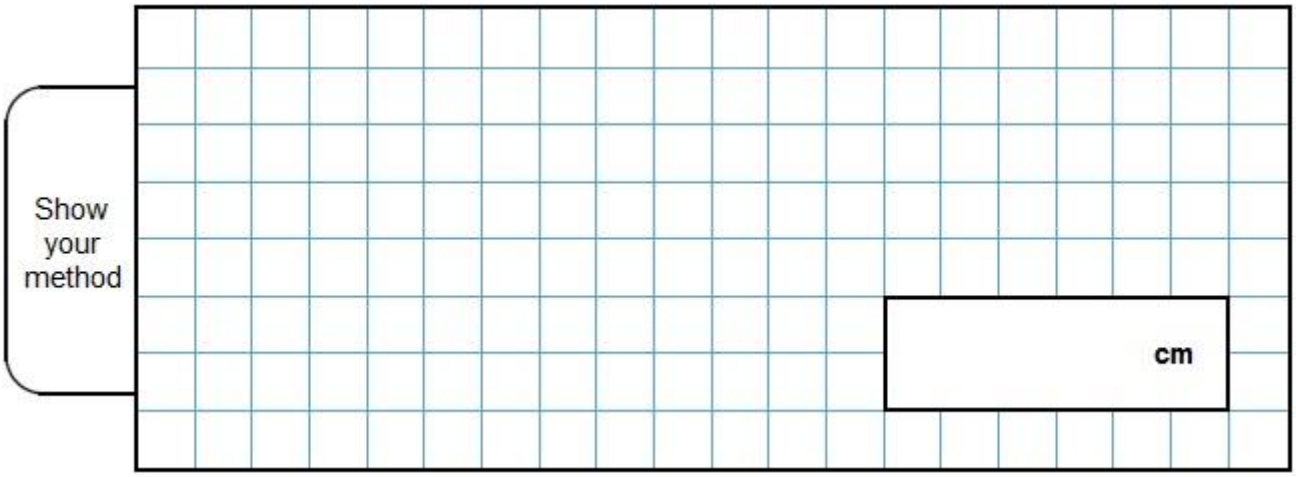
Q8.

On a map, 1 cm represents 20 km.



The distance between two cities is **250 km**.

On the map, what is the distance between the two cities?



2 marks

Mark schemes

Q1.

70

[1]

Q2.

All masses in the correct order, as shown.

1 kg, 800 g, $\frac{1}{2}$ kg, 60 g

[1]

Q3.

All capacities in the correct order, as shown.

80 ml, $\frac{1}{2}$ litre, 900 ml, 1 litre

Accept missing units and/ or conversions, eg. 500 g provided the intention is clear

[1]

Q4.

700

[1]

Q5.

Lengths written in correct order as shown:

25mm	3.5cm	20cm	$\frac{1}{2}$m

Accept use of equivalent units, eg
2.5 cm

Accept answers with missing or incorrect units.

[1]

Q6.

One mark for all lengths in the correct order.

5.5 mm	5 cm	55 mm	0.55 m

[1]

Q7.

(a) 8.7 cm

Do not *accept 8 cm 7 mm* ***OR*** *87 mm*

1

(b) Award **TWO** marks for the correct answer of 1.40 m **OR** 1.4.

Accept for ***TWO*** *marks 1 m 40 cm*

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, eg

50 × 2.8 ÷ 100

Calculation need not be performed for the award of the mark.

Award ***ONE*** *mark for 14* ***OR*** *140* ***OR*** *1400,* ***OR*** *50 × 2.8*

up to 2

[3]

Q8.

Award **TWO** marks for the correct answer of 12.5

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g.

- 250 ÷ 20

OR

- 20 km is 1 cm
  100 km is 5 cm
  50 km is 2.5 cm
  5 cm + 5 cm + 2.5 cm

Answer need not be obtained for the award of ***ONE*** *mark.*

Do not *accept incorrect proportions in any step without evidence of the calculation performed.*

Up to 2m

[2]