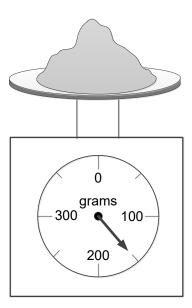# Topic Test 1 (20 minutes)
Measures - Foundation

1 Circle the most sensible measurement for the quantity shown.

1 **(a)** The length of a human finger.

[1 mark]

7 cm   70 cm   170 cm   1700 cm

1 **(b)** The area of a garden.

[1 mark]

50 cm^2 100 cm^2 50 m^2 50 km^2

1 **(c)** The amount of water a kettle can hold.

[1 mark]

2 ml   20 ml   200 ml   2000 ml

1 Adam's weight to the nearest kilogram is 65 kg

2 **(a)** What is the greatest possible value of his weight?

[1 mark]

Answer _____ kg

2 **(a)** What is the least possible value of his weight?

[1 mark]

Answer _____ kg

3 Tom weighs some flour.

3 (a) How much does the flour weigh?

[1 mark]

Answer _____ g

3 (b) 1.2 kg of flour are needed for a recipe.

Explain how to use the scales to weigh 1.2 kg of flour.

[2 marks]

_____

_____

_____

4 Convert 24 000 cm³ into m³

[2 marks]

_____

Answer _____

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5 The speed of a car is shown in kilometres per hour.

5 miles = 8 kilometres

Work out the speed of the car in miles per hour.

[3 marks]

Answer _____ miles per hour

6 Sam leaves home at 9:00 am
He works out his journey to work takes 8100 seconds.

At what time did he arrive at work?

[3 marks]

Answer _____

7   Tom's car travels 40 miles per gallon.

One litre of petrol costs £1.19

1 gallon = 4.5 litres

Work out the cost of petrol when Tom drives 200 miles.

[4 marks]

Answer £ _____