Converting units

B

Name _____

1 From the list, choose an appropriate unit of measure for each item.

cm	m	kg	km	g

The length of a pencil.

cm

The mass of a dog.

kg

The length of a river.

km

2 marks

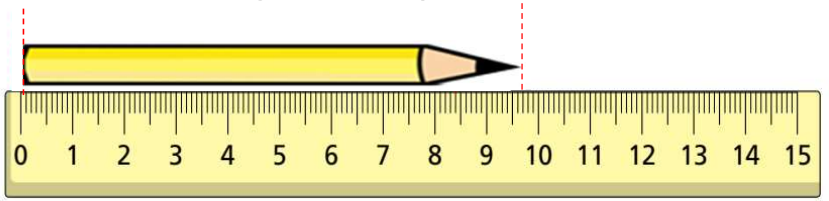
2 Circle the most appropriate estimate for the mass of an orange.



1 kg 100 millilitres (100 grams)

1 mark

3 What is the length of the pencil?



Write your answer in cm.

9.7 cm

1 mark

Write your answer in mm.

97 mm

1 mark

4 Complete the sentences.

10 cm is the same as 100 mm.

1 litre is the same as 1,000 ml.

3.6 km is the same as 3 kilometres and 600 m.

3 marks

5 Complete the bar model.

1.8 km	
800 m	1,000 m

1 mark

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6 How many grams are there in 36 kilograms?

36,000 g

1 mark

7 Complete the statements using <, > or =

60 minutes	=	1 hour
10 m	>	100 cm
0.4 litres	<	600 ml

3 marks

8 **5 miles ≈ 8 km**

Eva walks 32 kilometres, how many miles has she walked?

20 miles

1 mark

Teddy walks 2.5 miles, how many kilometres has he walked?

4 km

1 mark

9 **1 yard = 3 feet**
1 foot = 12 inches

A race is 60 yards long.
How long is the race in inches?

2 marks for 2,160

1 mark for attempt at 60 × 3 × 12

2,160 inches

2 marks

10 Boxes of washing powder come in three sizes.

Box size	Weight	Price
Small	450 g	£1.99
Medium	1 kg	£2.99
Large	4 kg	£8.99

Whitney needs 7.5 kg of washing powder.
She buys 1 large box, 2 medium boxes and 3 small boxes.
Does Whitney have enough washing powder?

Yes (No)

Show your working.

2 marks for "No" and e.g.
"4,000 + 2,000 + 1,350 = 7,350 7,350 g < 7.5 kg"

1 mark for converting between g and kg correctly

2 marks

How much does Whitney spend on washing powder?

£ 20.94

1 mark

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