6 CONVERTING UNITS

White Rose Maths

1 Choose an appropriate unit of measure for each item.

cm	m	kg	km	g

The mass of a letter _____

The length of a football pitch _____

The length of a pencil _____

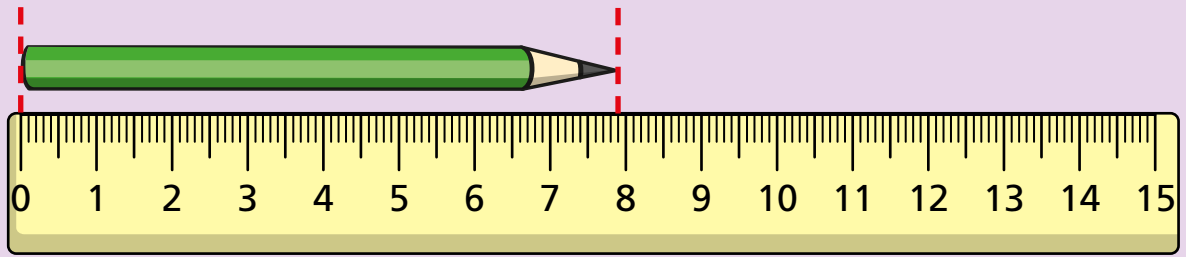**2** Circle the most appropriate estimate for the capacity of the juice bottle.

225 litres   225 millilitres   225 grams

3 What is the length of the pencil?

Write your answer in centimetres. ☐ cm

Write your answer in millimetres. ☐ mm

4 Complete the sentences.

200 cm is the same as ☐ m.

1.5 kg is the same as ☐ g.

4.6 litres is the same as ☐ litres

and ☐ ml.

5 Complete the bar model.

1.9 litres	
ml	1,000 ml

6 How many metres are there in 32 km?

7 Write <, > or = to complete the statements.
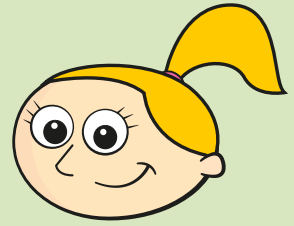
120 seconds ◯ 2 minutes

16 mm ◯ 16 cm

800 g ◯ 0.08 kg
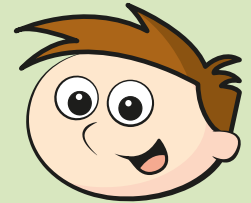
8 5 miles ≈ 8 km

Eva walks 15 miles.

How many kilometres has she walked?

Teddy walks 12 km.

How many miles has he walked?

9 1 pound = 16 ounces

1 stone = 14 pounds

The mass of a large crate is 4 stone.

How many ounces does the crate weigh?

10 Boxes of washing powder come in three different sizes.

small £2.99
washing powder
600g

medium £3.99
washing powder
1 kg

large £6.99
washing powder
2 kg

Whitney needs 6.2 kg of washing powder.

She buys two large boxes, one medium box and two small boxes.

Does Whitney have enough washing powder?

Show all your workings.

How much does Whitney spend on washing powder?

Answers

1. letter: **g**   football pitch: **m**   pencil: **cm**

2. 225 millilitres

3. 7.9 cm   79 mm

4. 200 cm is the same as **2 m**.
   1.5 kg is the same as **1,500 g**.
   4.6 litres is the same as **4 litres** and **600 ml**.

5.
1.9 litres	
900 ml	1,000 ml

6. 32,000 m

7. 120 seconds **=** 2 minutes
   16 mm **<** 16 cm
   800 g **>** 0.08 kg

8. 24 km   7.5 miles

9. 896 ounces

10. Yes, she has the exact amount she needs.
    2 kg + 2 kg + 1 kg = 5 kg
    600 g + 600 g = 1.2 kg
    £23.95