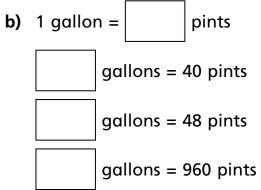


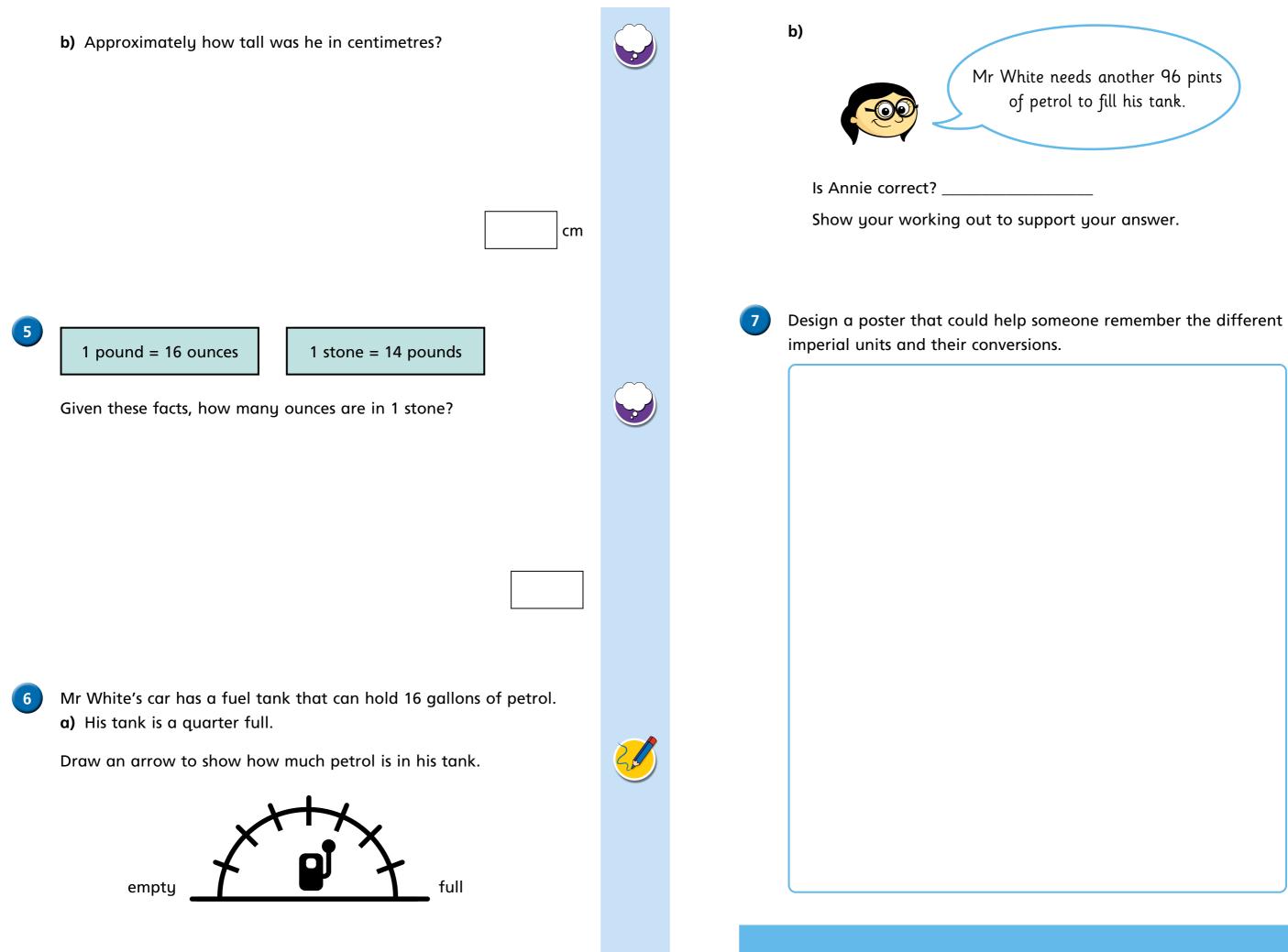
Fill in the missing numbers. 2 a) 1 foot is equal to inches. 1 inch is approximately centimetres. **b)** 1 pound is equal to ounces. 1 stone is equal to pounds. c) 1 gallon is equal to pints. Complete the conversions. 3 **a)** 1 foot = inches 2 feet = inches 10 feet = inches 20 feet = inches 15 feet = inches

4 The world's tallest man was 8 feet and 11 inches tall.a) What was his height in inches?



inches

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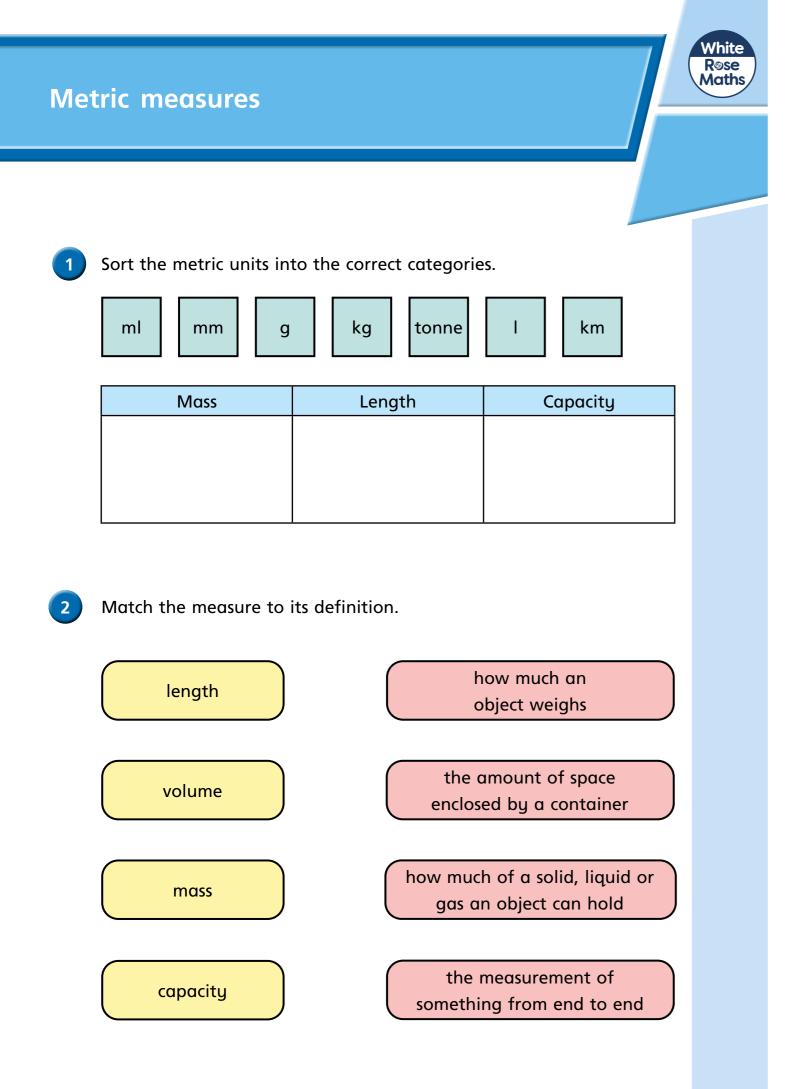


Mr White needs another 96 pints of petrol to fill his tank.









3	Circle the most appropriate unit for e				
	<b>a)</b> the mass of an elephant				
	g	kg			
	<b>b)</b> the length of a classroom				
	cl	cm			
	<b>c)</b> the capacity of a water bottle				
	cm	ı <sup>3</sup> r	m³		
	<b>d)</b> the length of a fly				
	mm	cr	n		
4	Circle the best estimate for each iter				
	<b>a)</b> the capacity of a glass				
	2 ml	20 ml			
	<b>b)</b> the length of a rounders bat				
	50 mm	50 cr	n		
	c) the mass of a car				
	1.5 g	1.5 kg			
	<b>d)</b> the length of a football pitch				
	100 cm	100 m			
5	Estimate the ler	igth of your	classroor		

Compare answers with a partner.

or each item.

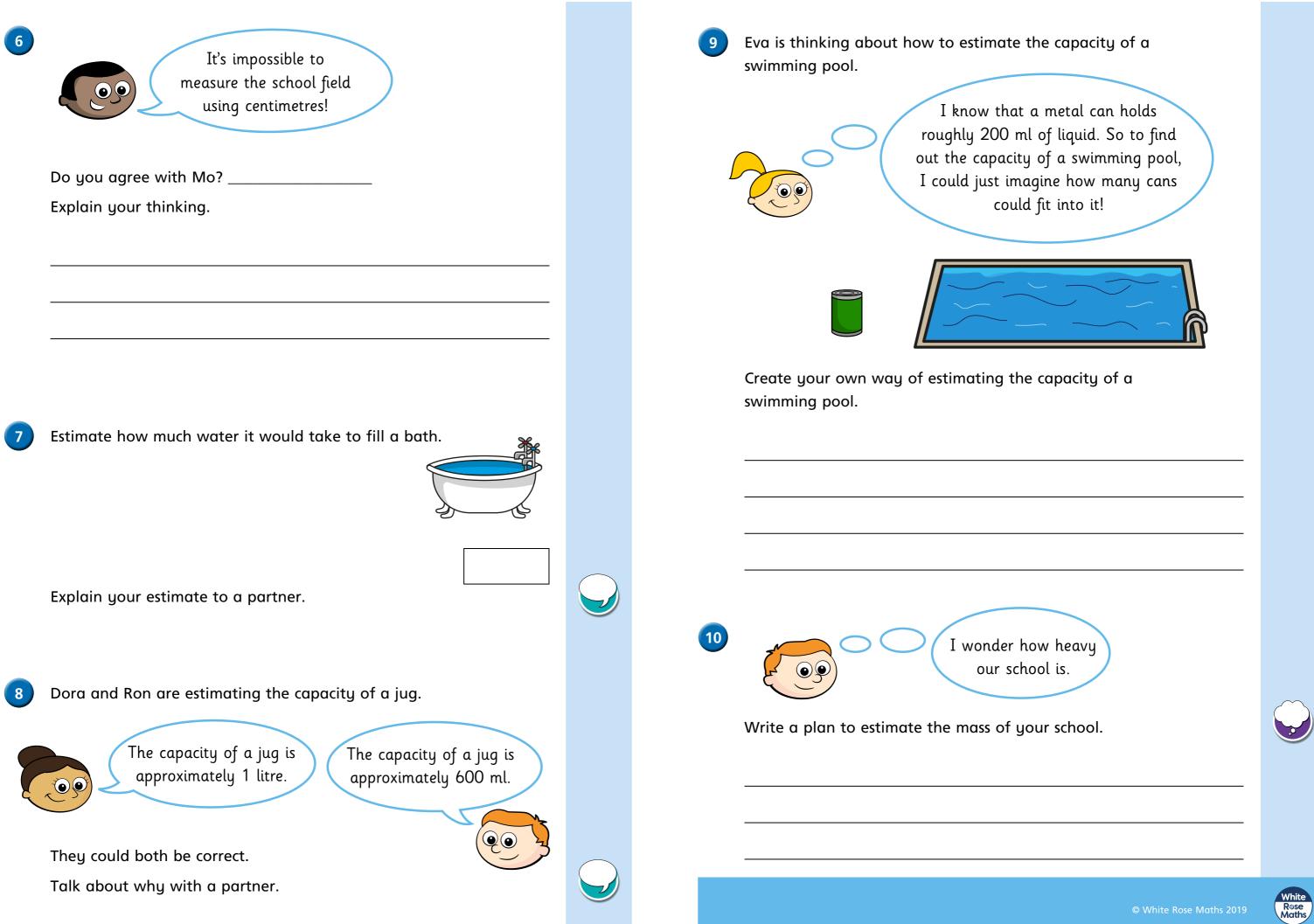
I	tonnes	
m	km	
ml	I	
m	mg	
em.		
200 ml	2,000 ml	
50 m	50 km	

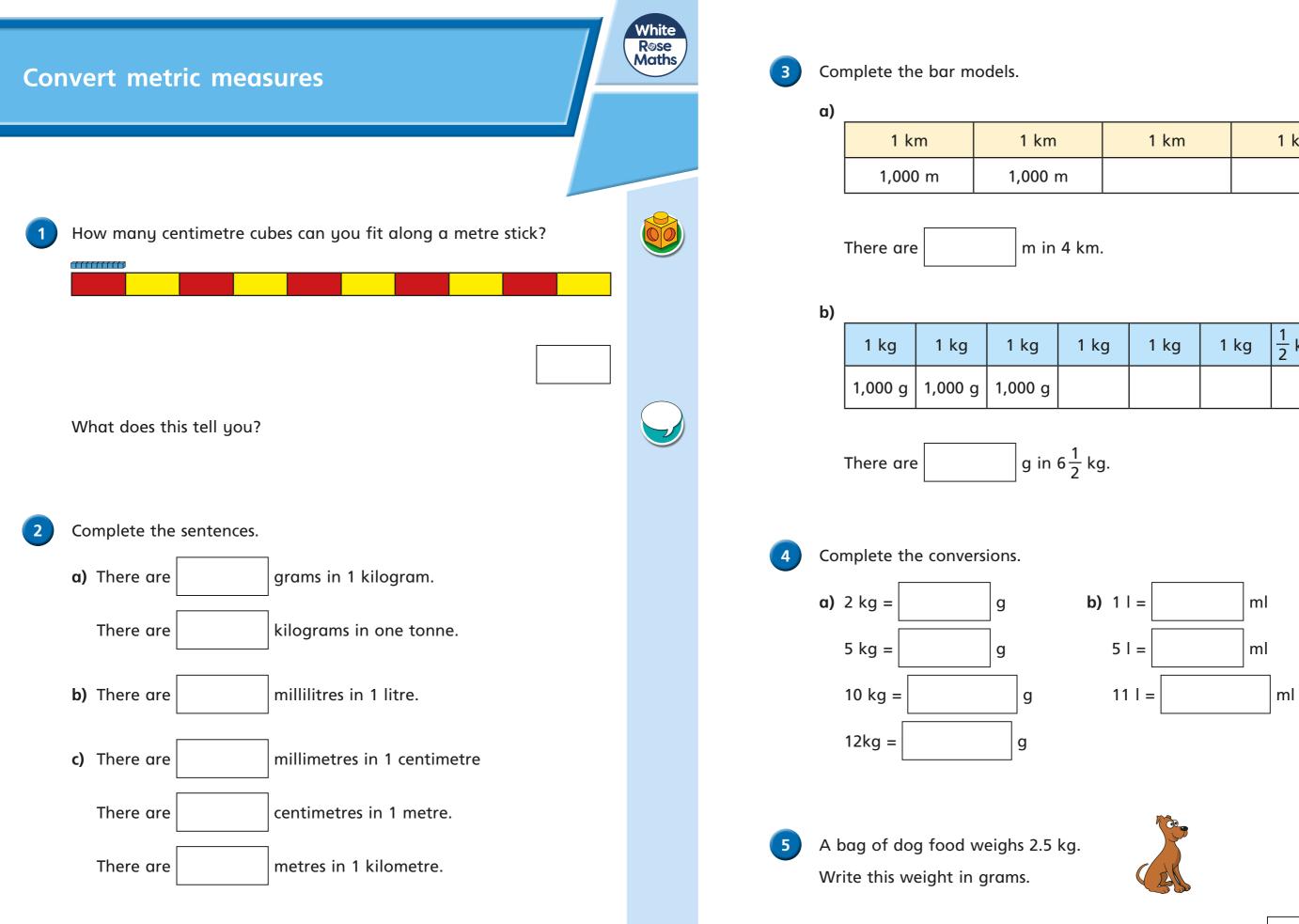
1.5 tonnes 15 kg

100 km 100 mm

oom. Give units with your answer.







1 km	1 km

1 kg	1 kg	1 kg	$\frac{1}{2}$ kg

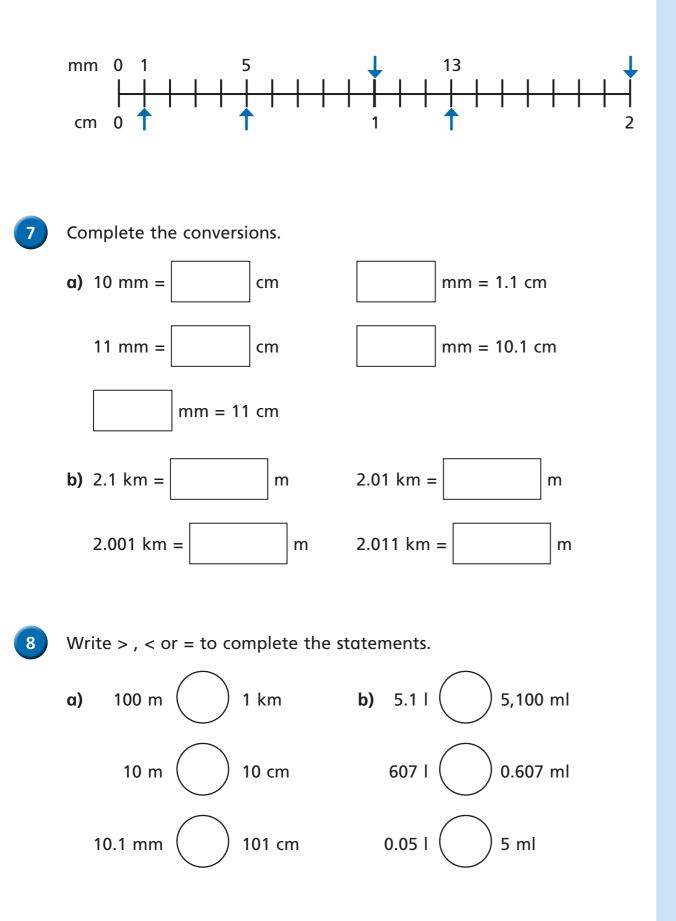


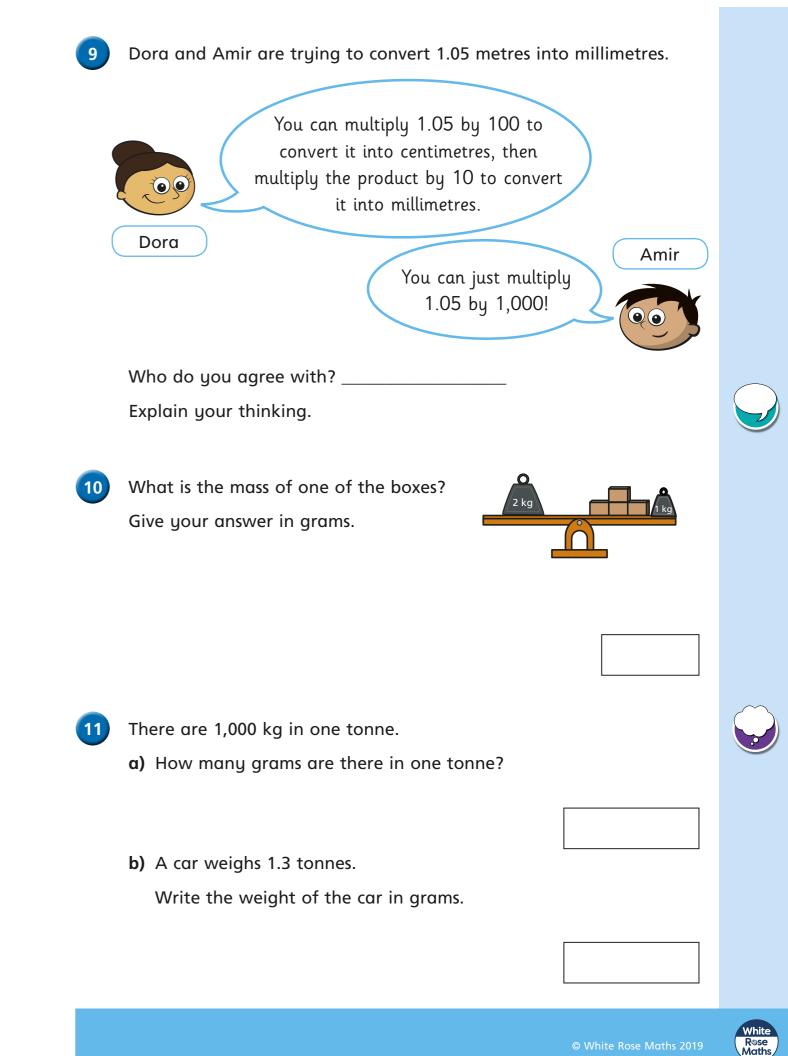
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What measurements are the arrows pointing to?

Label them on the number line.





## **Calculate with metric measures**

- An Olympic racetrack is 400 metres all the way around.
- a) Jack runs 2 laps. How far does Jack run?
- b) Rosie runs 3 laps.

c) Amir runs 4 km.

- How far does Rosie run?
- Write your answer in metres and kilometres.
- km m How many laps does Amir run?
- d) Eva runs 10 km. How many laps does Eva run?

Mo has 2 litres of orange juice. He drinks 200 ml. He then shares the rest equally between 6 glasses. How much orange juice is poured into each glass?

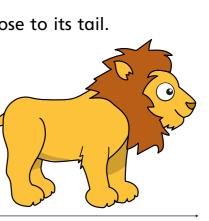
A cat measures 76 cm from its nose to its tail. 3 76 cm The length of a lion is 3 times as long as a cat. How long is a lion? Give your answer in metres.

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m

- The length of a swimming pool is 25 m. Rosie swims 600 m. Tommy swims 1 km.
  - How many more lengths did Tommy swim than Rosie?

Compare methods with a partner.





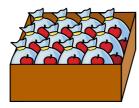




A bag of apples weighs 350 g.

A box can hold 12 bags of apples.





What would be the mass of 20 boxes of apples? Give your answer in kilograms.



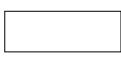
Dani is collecting rainwater in a 1-litre jug.

On Monday, she collects 220 ml of water.

On Tuesday, she collects a quarter of a litre of water.

At the end of Wednesday, Dani sees she only needs another 0.1 litres until her jug is full.

How much water did Dani collect on Wednesday?



Jack wants to find out the mass of his suitcase. Jack weighs 34.5 kg.

He steps onto the scales and it shows 47 kg and 200 g.

How heavy is his suitcase?

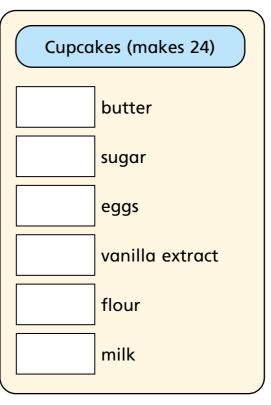


A bag contains 200 sweets. Each sweet weighs 1.5 g. The bag itself weighs 16 g. Huan has some bags of sweets. The total mass is 1.264 kg. How many bags of sweets does Huan have?

8

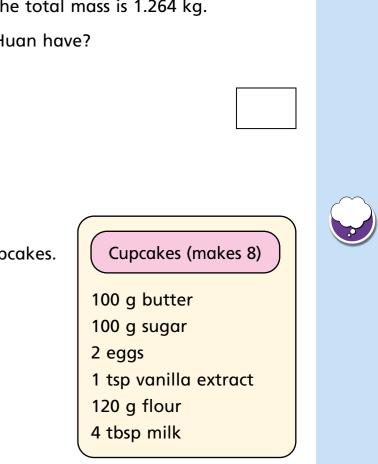
Here is a recipe for 8 cupcakes.

a) Complete the recipe for 24 cupcakes.

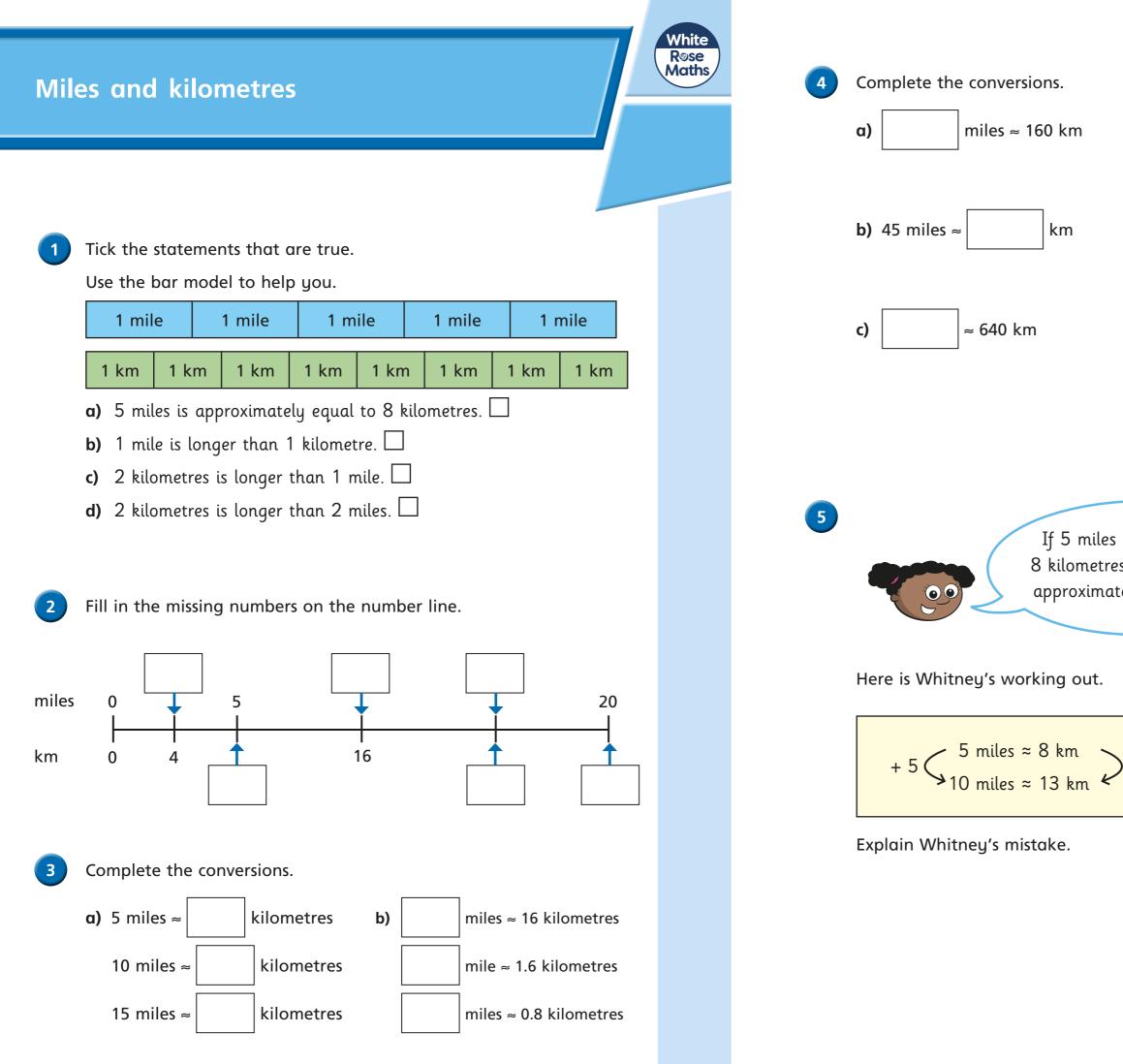


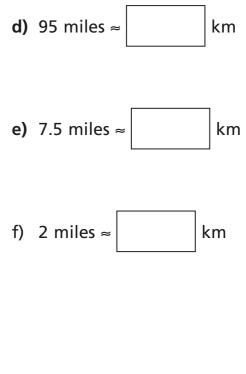
**b)** Mo has half a kilogram of butter and plenty of the other ingredients.

What is the greatest number of cupcakes he can make using this recipe?









If 5 miles is approximately 8 kilometres, then 10 miles is approximately 13 kilometres.



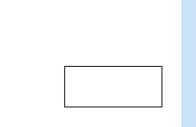


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A marathon is approximately 26.2 miles.

How far is this in kilometres?



The maximum speed limit on residential roads in the UK is 30 miles per hour.

In France, the maximum speed limit on residential roads is 50 kilometres per hour.

a) Which country has the higher speed limit for these roads?

**b)** What is the difference between the speed limits in miles per hour?

Esther cycles 70 miles over 4 days. On day 1 she cycles 14 miles. On day 2 she cycles 32 km. On day 4 she cycles twice as far as she does on day 3 How far does she cycle on day 4? Give units with your answer.

8

Use a map of your local area. Find something that is approximately: a) 1 mile away from your school

b) 1 km away from your school

c) 5 miles away from your school

d) 5 km away from your school

Compare answers with a partner.







