

Starter

Calculate how much it would be to buy a complete beetle.

Baby Beetle

Body - £1.50

Leg – 15p

Head - £1.20

Wings – 95p

Antennae – 12p

£5.74

Adult Beetle

Body - £2.20

Leg – 14p

Head - £2.15

Wings – £1.55

Antennae – 11p

£6.85





Year 4

Statistics

Name _____

1 A book shop records the number of books sold each day for a week.

Day	Number of Books Sold
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	

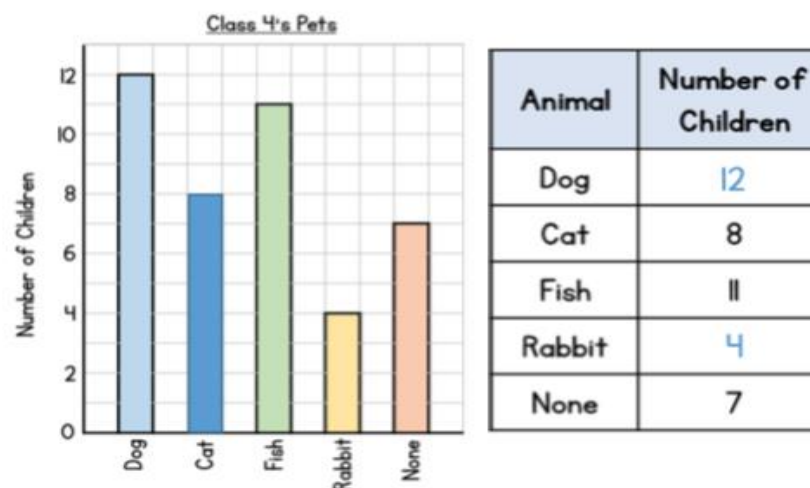
= 8 books

On which day are the least books sold? Friday 1 mark

How many more books are sold on Thursday than Wednesday? 6 2 marks

35 more books are sold on Saturday than Friday.
How many books are sold on Saturday? 55 1 mark

2 The bar chart shows the pets that children have in Class 4



Use the bar chart to complete the table. 2 marks

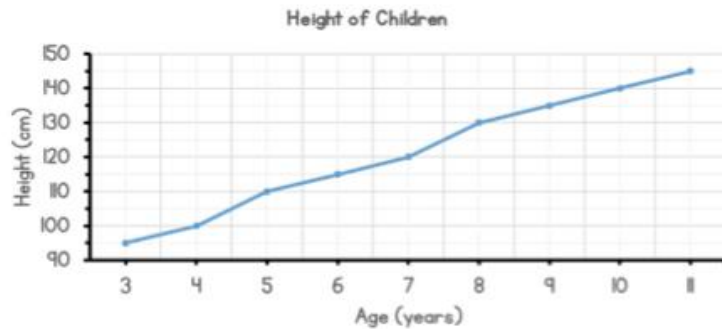
Complete the bar chart to show the number of children who have cats. 1 mark

There are only 32 children in the class.
Why is the total more than this?

Some children might have more than 1 pet.

1 mark

- 3** Here is a graph to show the average height of 3 to 11 year olds.



What is the height of a 6 year old child?

115 cm

1 mark

What is the difference in height between a 3 year old and a 7 year old?

$120 - 95$ 25 cm

2 marks

How many centimetres does a child grow between 10 and 11 years old?

5 cm

1 mark

- 4** Here is a table to show the number of people who visited the cinema.

	Number of people at 1pm	Number of people at 6pm
Screen 1	128	246
Screen 2	54	375
Screen 3	98	271

Which screen had the least number of people at 6pm?

Screen 1

1 mark

How many more people were in screen 2 at 6pm than 1pm?

$375 - 54$

321

2 marks

Circle how confident you feel with statistics.

1 2 3 4 5
Not Very
confident confident

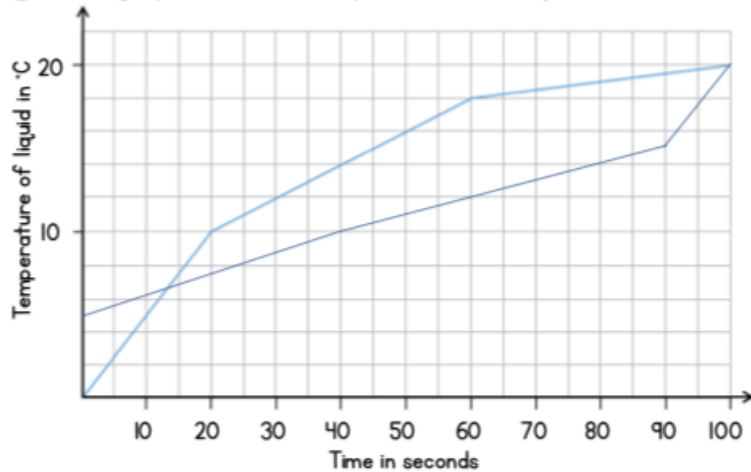
Year 5

Statistics



Answers

1 The graph shows the temperature of a liquid as it is heated.



How long does it take the liquid to reach 10°C?

20 seconds

1 mark

What is the temperature of the liquid after it is heated for 50 seconds?

16 °C

1 mark

How many degrees has the temperature increased by between 40 seconds and 80 seconds?

5 °C

1 mark

Another liquid is heated for 100 seconds.

- The temperature of the liquid at the start was 5°C
- After 40 seconds the temperature is 10°C
- It takes the liquid 50 seconds to increase by another 5°C
- After 100 seconds the temperature is 20°C

Draw a line to show this information on the graph.

3 marks

2 The table shows the distance (in km) between places in the UK.

	Bath	Dover	Ely	Leeds	Perth
Bath	-	307	260	350	690
Dover	307	-	220	270	832
Ely	260	220	-	240	640
Leeds	350	270	240	-	430
Perth	690	832	640	430	-

What is the distance between Ely and Leeds?

240 km

1 mark

Which place in the table is 690 km from Bath?

Perth

1 mark

On Monday Mike drives from Dover to Leeds.

On Tuesday he drives from Leeds to Perth.

How many kilometres does he drive altogether?

Award 1 mark for showing the proper distances (270 and 430) and using addition. 700 km

2 marks

3 The table shows the start times for films at a cinema.

Bubble Mania	Mission Boy	Magic Island	Wand King
12:10	11:30	12:30	12:10
13:40	12:45	14:00	13:20
15:10	14:00	15:30	14:40
16:40	15:15	17:30	16:00

Which film starts in the morning?

Mission Boy

1 mark

Which film starts at 5:30pm?

Magic Island

1 mark

Jack arrives at the cinema at 2:20pm.

He wants to watch Wand King.

How long does he have to wait?

20 minutes

1 mark

Bubble Mania lasts 100 minutes.

What time does the 15:10 film finish?

16:50 or 4:50pm

2 marks

4 The table shows the information about 130 sandwiches that were sold in a shop.

	Brown bread	White bread	Total
Egg	13	26	39
Tuna	26	18	44
Cheese	22	25	47
Total	61	69	130

How many more egg sandwiches were sold on white bread than brown?

13

1 mark

How many tuna sandwiches on brown bread were sold?

26

2 marks

Complete the missing values in the table.

Award 1 mark for 2 correct answers.

2 marks

Circle how confident you feel with statistics.

- 1 2 3 4 5
- Not Very
- confident confident