

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

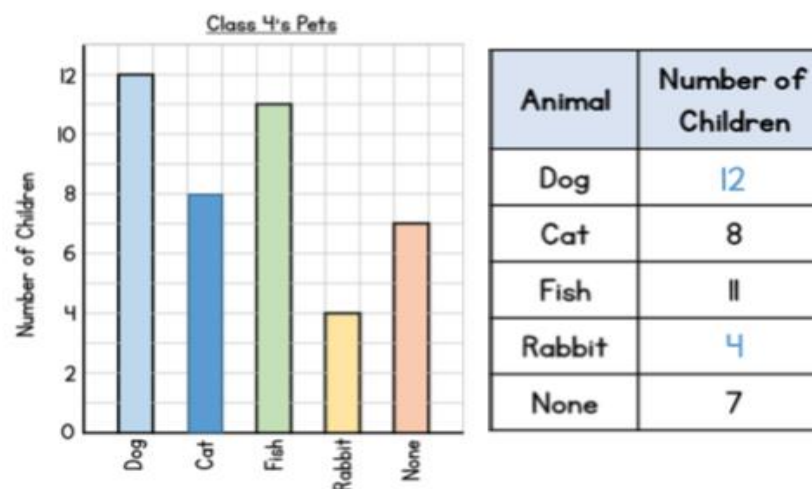
How many more books are sold on Thursday than Wednesday?  
\_\_\_\_\_ 6 \_\_\_\_\_

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



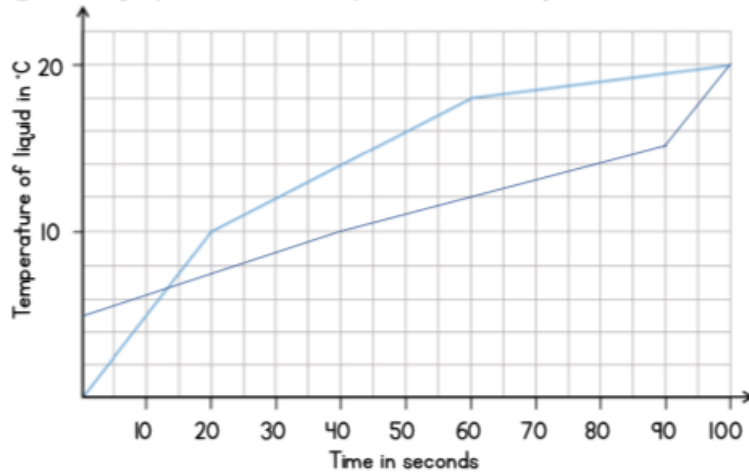
# Year 5

## 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
<b>Total</b>	<b>61</b>	<b>69</b>	<b>130</b>

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  
confident

Very  
confident