

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

Adult Beetle

Body - £2.20

Leg – 14p

Head - £2.15

Wings – £1.55

Antennae – 11p



Today we would like you to assess your knowledge of our work on Statistics (graphs and charts)


Below are to assessments one for year 4 and one for year 5

Summer week 10 Lesson 5 – 03.07.20

LO: To assess understanding of charts and tables




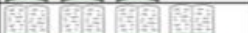

Year 4


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? 1 mark

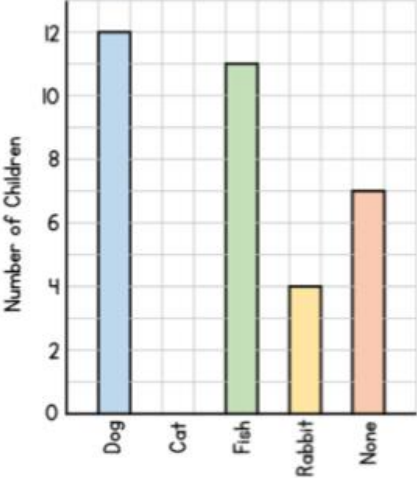
How many more books are sold on Thursday than Wednesday? 2 marks

35 more books are sold on Saturday than Friday.

How many books are sold on Saturday? 1 mark

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

Class 4's Pets



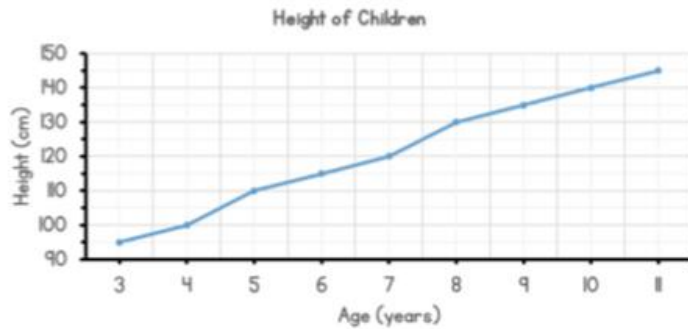
Animal	Number of Children
Dog	
Cat	8
Fish	11
Rabbit	
None	7

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? 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?

_____ cm

1 mark

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

_____ cm

2 marks

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

_____ 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?

1 mark

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

2 marks

Circle how confident you feel with statistics.

1
2
3
4
5
 Not confident Very confident

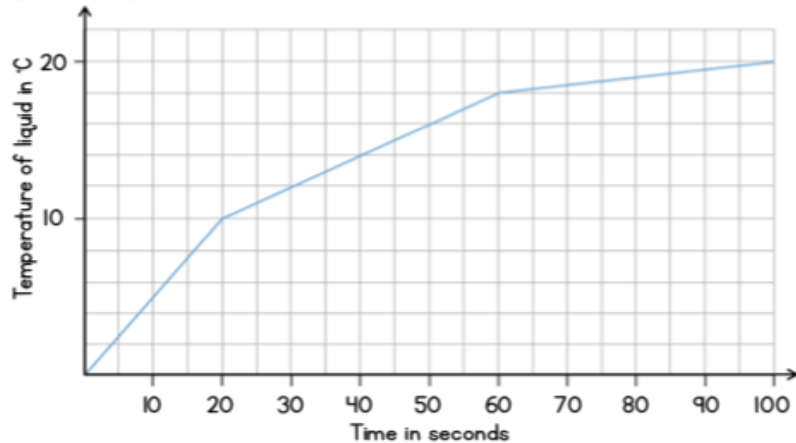
Year 5

Statistics



Name _____

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



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

1 mark

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

1 mark

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

_____ km

1 mark

Which place in the table is 690 km from Bath?

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?

_____ km

2 marks

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

Bubble Mania	Mission Boy	Maglo 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?

1 mark

Which film starts at 5:30pm?

1 mark

Jack arrives at the cinema at 2:20pm.

He wants to watch Wand King.

How long does he have to wait?

_____ minutes

1 mark

Bubble Mania lasts 100 minutes.

What time does the 15:10 film finish?

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		18	44
Cheese	22		
Total		69	130

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

1 mark

How many tuna sandwiches on brown bread were sold?

2 marks

Complete the missing values in the table.

2 marks

Circle how confident you feel with statistics.

1

2

3

4

5

Not
confident

Very
confident