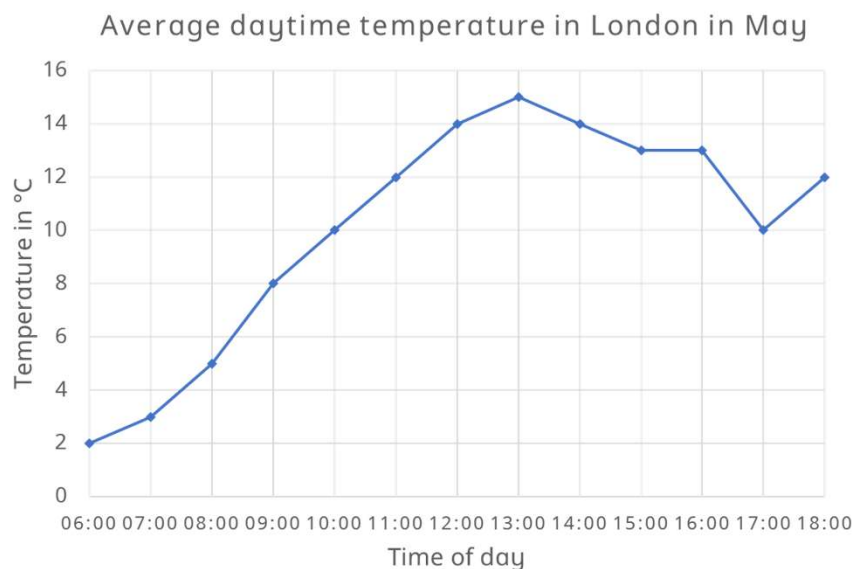


Statistics

A

Name _____

- 1 The line graph shows the average temperature in London.



At what time was the temperature the highest?

13:00



1 mark

At what times of day was the temperature 10 °C?

10:00

17:00



2 marks

What was the temperature at 4 o'clock in the afternoon?

13 °C



1 mark

How many degrees warmer was it at 4 pm than 9 am?

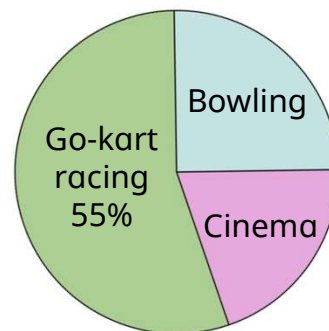
5 °C

1 mark for accurately measuring the temperature of 8 °C at 9 am.



2 marks

- 2 20 children were asked where they would like to go on a trip.
The results are shown in the pie chart below.



What percentage of children chose bowling?

25%



1 mark

What percentage of children chose the cinema?

$55\% + 25\% = 80\%$

$100\% - 80\% = 20\%$

20%



2 marks

How many children chose go-karting?

$50\% \text{ of } 20 = 10$

$5\% \text{ of } 20 = 1$

11

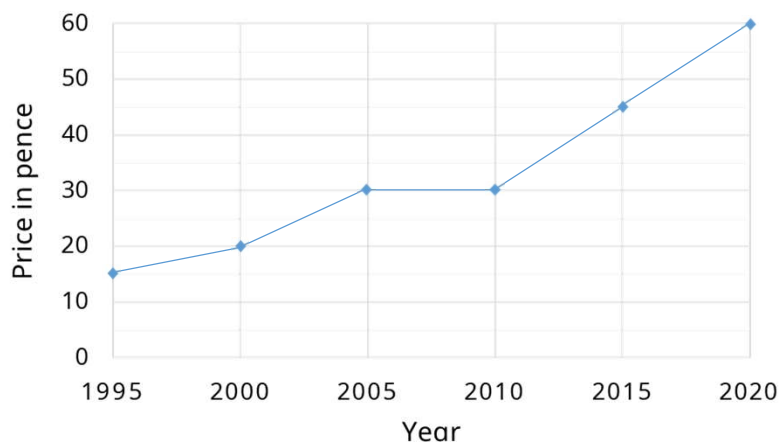


2 marks

- 3 The table shows the change in the price of a chocolate bar since 1995

Year	1995	2000	2005	2010	2015	2020
Price (p)	15	20	30	30	45	60

Draw a line graph to show this information.



- 4 Eva records how many glasses of water she drinks each day.

Mon	Tues	Wed	Thur	Fri	Sat	Sun
8	9	7	6	9	10	7

What is the mean number of glasses she drinks?

8

The following week, the mean number of glasses is 10. How many more glasses of water did Eva drink in this week?

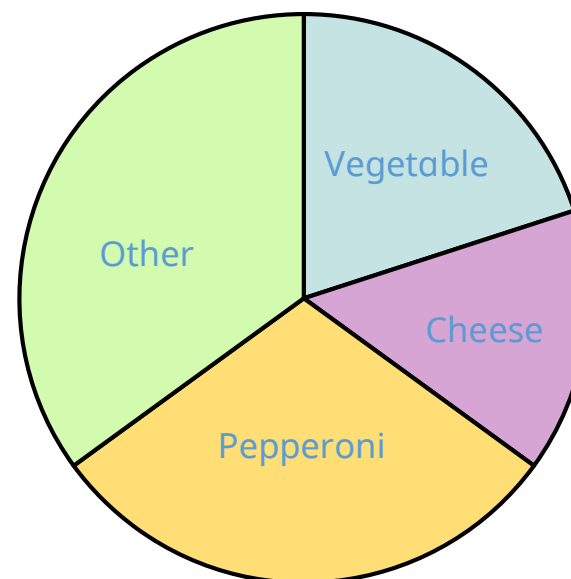
$$70 - 56 = 14$$

14

- 5 60 people were asked to choose their own pizza topping. Complete the table.

Pizza topping	Number of people	Degrees
Vegetable	12	72
Cheese	9	54
Pepperoni	18	108
Other	21	126
Total	60	360

Show the results in the pie chart.



1 mark for any correct sector drawn.

2 marks for a fully completed pie chart.

2 marks

2 marks