

Exam questions

Question 1

Here is information about the distances travelled in miles by some people yesterday.

distance (miles)			
5	4	12	8
1	2	8	7
18	7	9	11
11	22	7	6
2	3	3	1

Sandro starts to show this information in a grouped frequency table.

Complete the grouped frequency table.

Use five equal groups.

distance (miles)	tally	frequency
1 to 5		8
6 to 10		

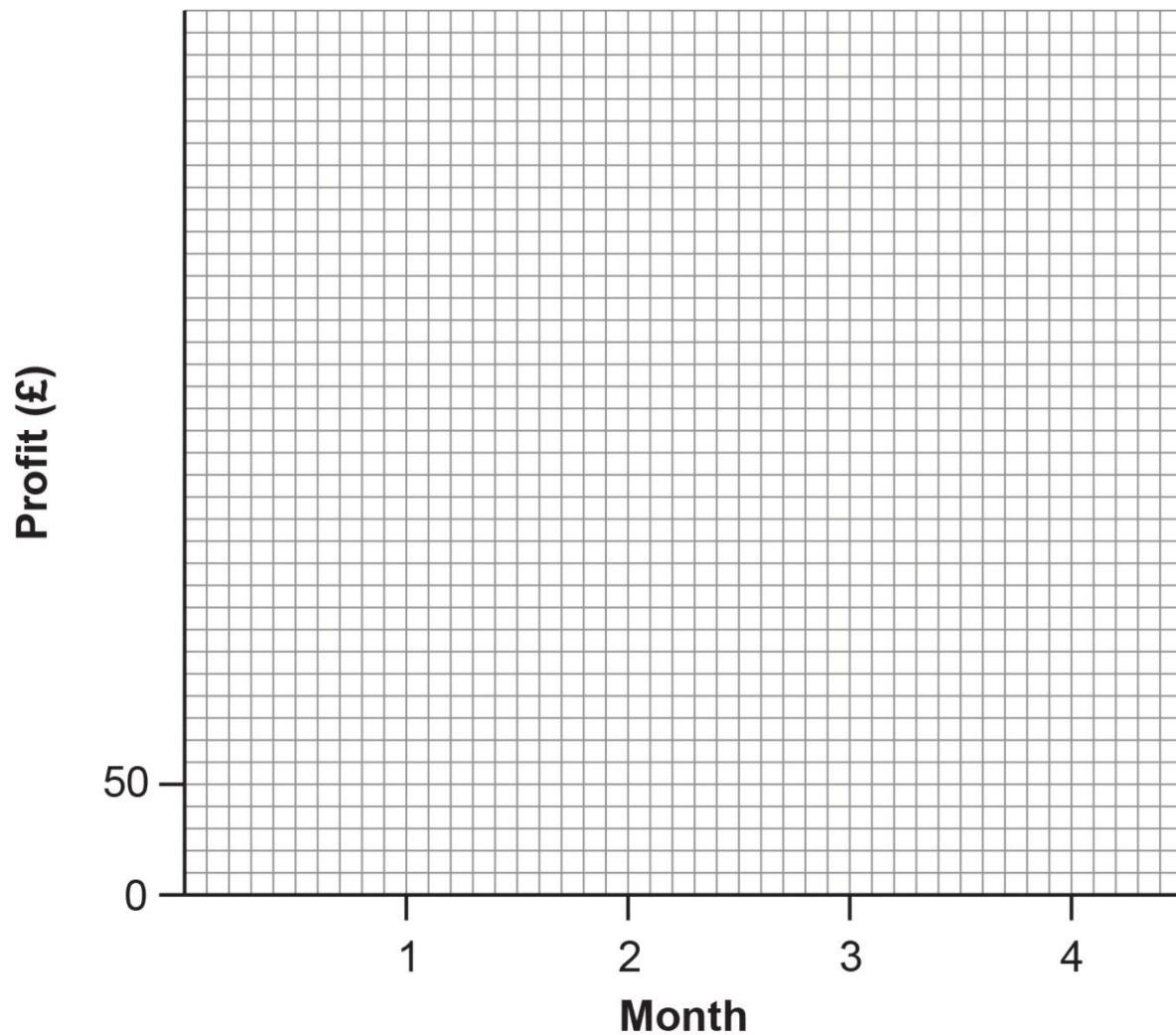
Question 2

Layla starts a business making and selling scarves.

The table shows information about the profit she makes in the first four months.

month	1	2	3	4
profit (£)	200	180	220	275

Draw a graph for this information on the grid below.



Question 3

Martyn clears all the rubbish left at the sports club.

He counts all the plastic drink bottles left each day for 60 days.

The table shows the results.

number of plastic bottles	frequency
0 – 9	2
10 – 19	12
20 – 29	15
30 – 39	23
40 – 49	8

Martyn wants to display this information in a chart.

Draw a chart to show this information.

Question 4

John is a milkman.

The table shows information about the type of milk John delivers each day.

type of milk	number	angle
skimmed	20	60°
semi skimmed	55	165°
whole	45	135°

Draw a pie chart to show this information.

Remember to label the chart.

Question 5

Michael is organising a meeting at his rugby club.

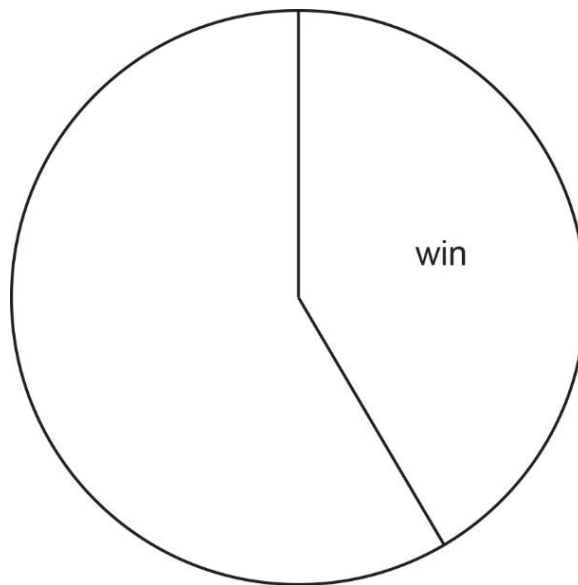
He wants to display the results of the games the rugby team played last year.

Michael has this information.

result	number of games	angle size
win	25	150
lose	15	
draw	20	

Michael starts to display this information in a pie chart.

Complete the pie chart for Michael.



Question 6

Place the correct number in the space to complete the sentence.

(a) Angles around a point add up to degrees.

Shelley reads an article about holidays in 2018.

She sees this pie chart.



The pie chart shows where 1800 people went on holiday in 2018.

Shelley thinks that 540 of these people went abroad on holiday.

(b) Is Shelley correct?

Show why you think this.