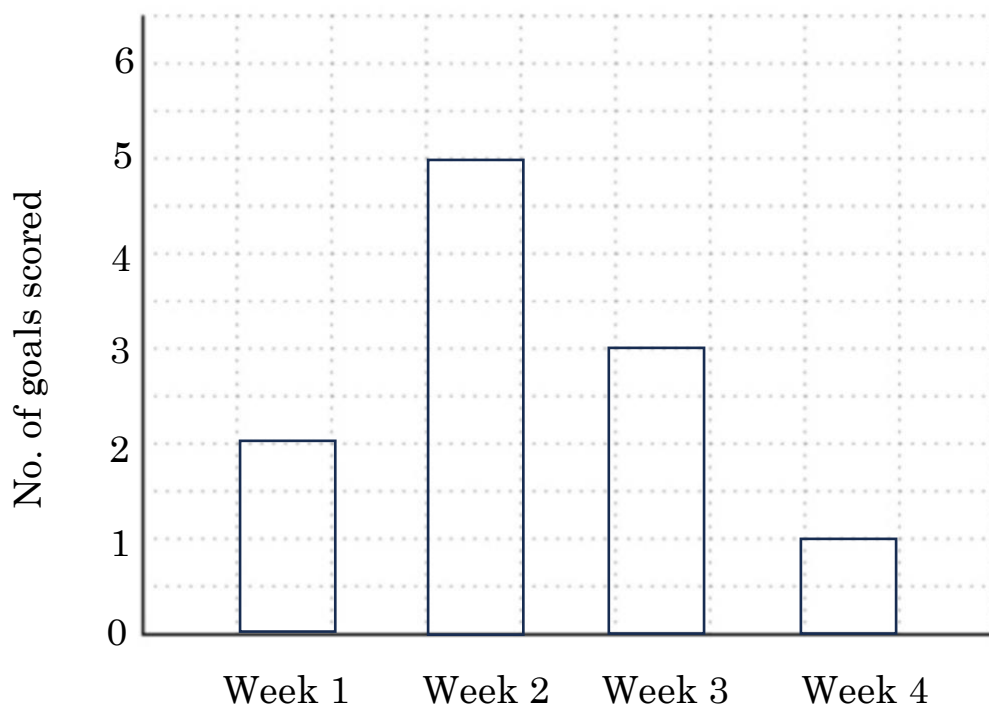




Bar Charts Exam Practice

Q1. The bar chart below shows the number of goals scored by a football team over a month.



a) Work out the mean number of goals scored per week.

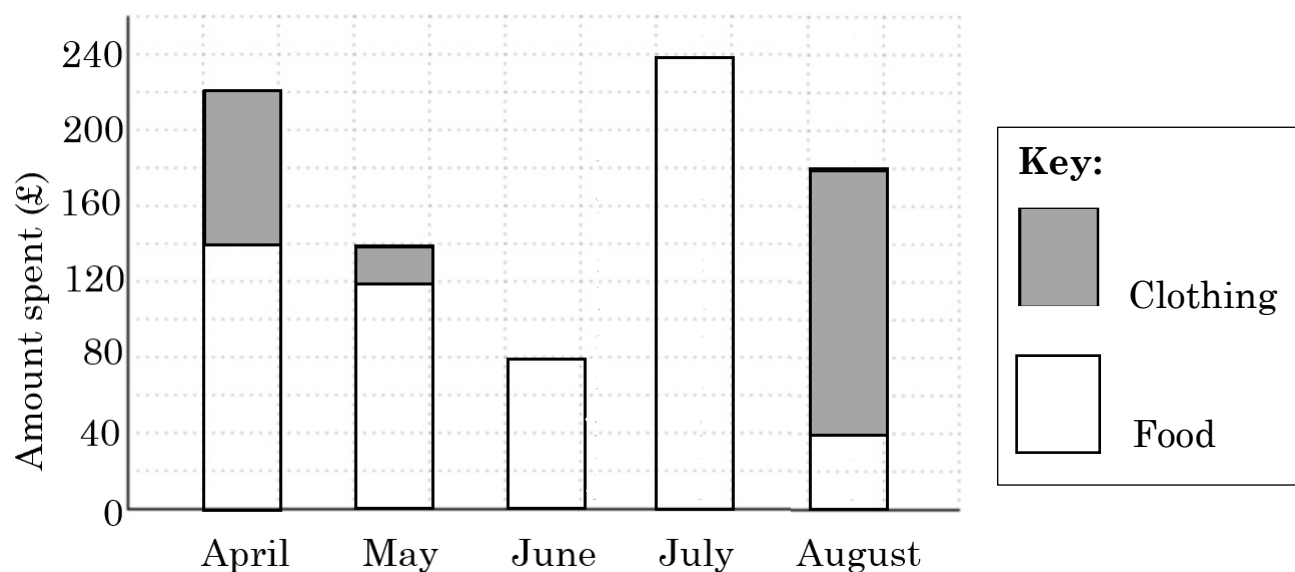
Answer: _____
(2 marks)

b) For what fraction of the weeks were the number of goals scored less than 3?

Answer: _____
(2 marks)



Q2. The chart shows the amount of money spent on clothing and food by a household in 5 months of the year.



In June, no money was spent on Food. In July, £180 was spent on clothing.

a) Use this information to complete the bar chart.

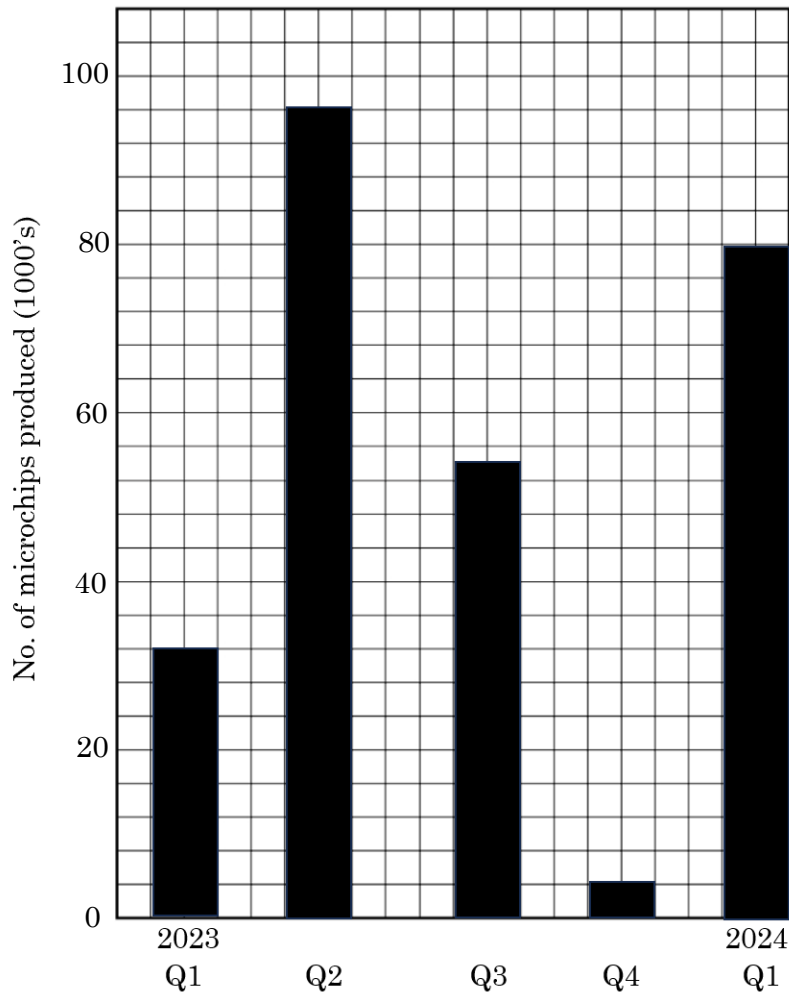
Answer: _____
(2 marks)

b) Work out what proportion of the household's expenses were on food for the entire time period shown. Simplify your answer.

Answer: _____
(3 marks)



Q3. A factory produces golf balls. The boss records the number of balls produced each quarter, and the results are shown on the chart below:



a) For 2023, what % of the golf balls were produced during the first two quarters?

Answer: _____
(2 marks)

b) How many more balls were produced in Q3 than Q4?

Answer: _____
(2 marks)

c) The boss claims that 2024 will be a more productive year than 2023. Do you agree? You must carefully explain your choice.

Answer: _____
(1 mark)



Q4. Stuart asks his classmates what their favourite colour is. The results are as follows:

Orange	Yellow	Blue	Red
Red	Blue	Yellow	Green
Red	Green	Green	Yellow
Purple	Orange	Red	Blue

Draw a bar chart to show this information on the grid below.



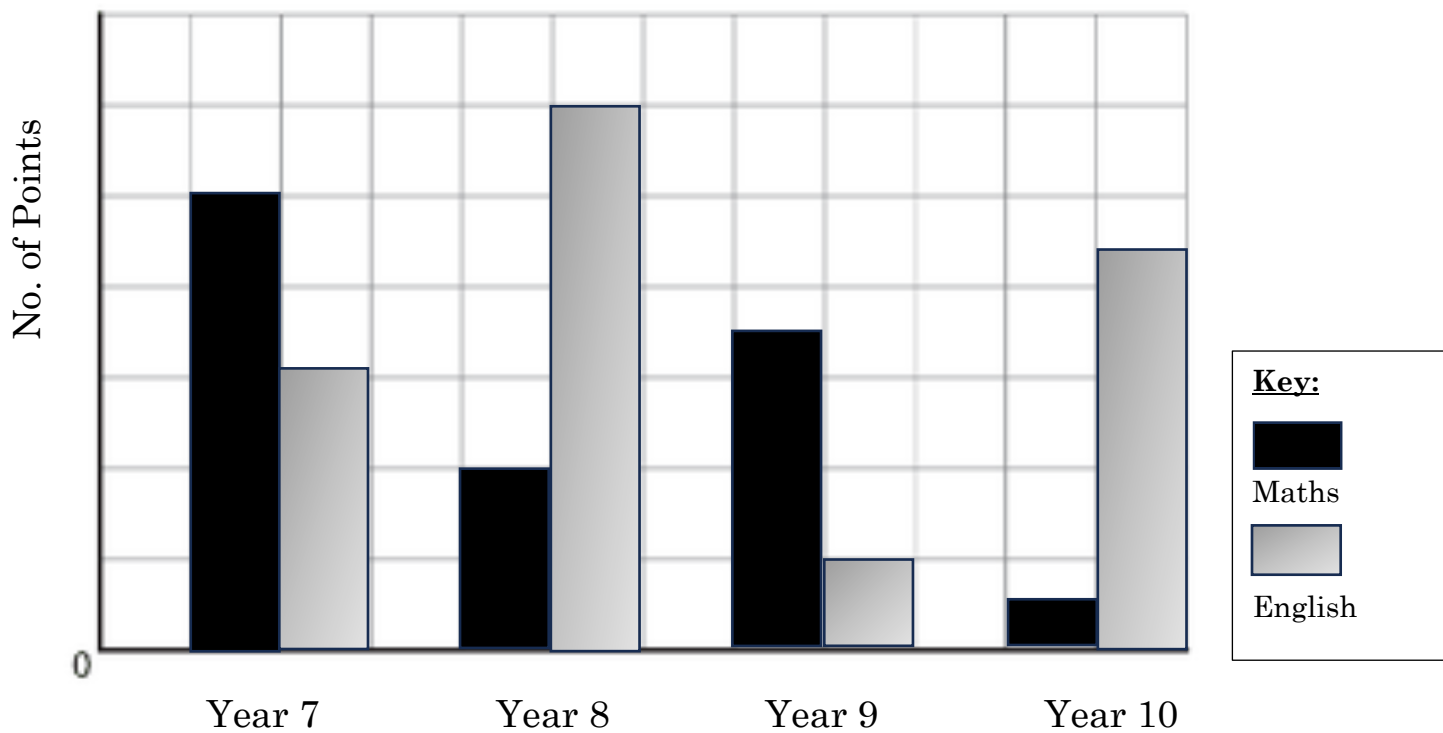
Answer: _____

(4 marks)



Q5. The graph below compares the mean score of pupils who have had an English and a Maths test in years 7, 8, 9 and 10.

The mean score for year 8 students in maths was 20.



a) Find the mean score of the year 10 students for the English test.

Answer: _____
(2 marks)

b) In which year groups do pupils do better in the English test?

Answer: _____
(2 marks)

c) In year 9, there were 50 students. Work out how many points were scored in total on the maths test by the year 9 pupils?

Answer: _____
(2 marks)

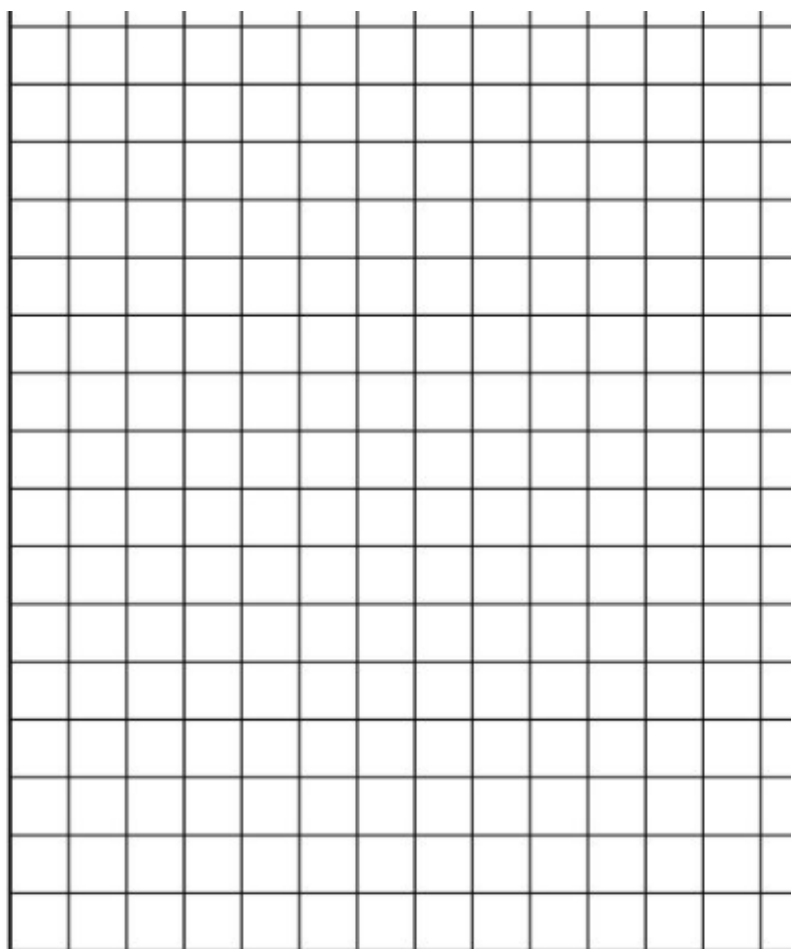


Q6. Pupils in year 10 and year 11 were asked what their favourite type of film was. The results were as follows:

	Adventure	Comedy	Horror	Sci-Fi
Year 10	16	24	8	20
Year 11	12	28	10	28

Draw a suitable bar-chart to display this information on the grid below:

Answer: _____
(4 marks)

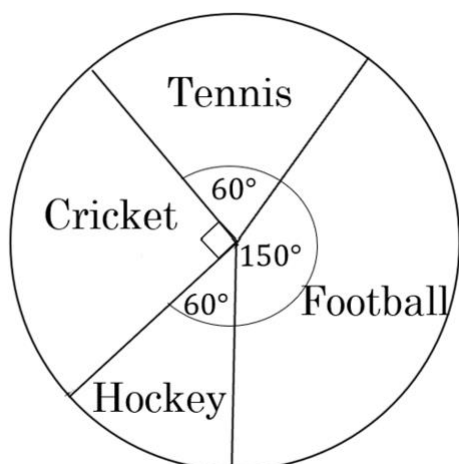


Which category of film do year 10 and year 11 have the biggest difference of opinion?

Answer: _____
(1 mark)



Q7. A group of students were asked which is their favourite sport. The results are shown below:



20 students chose tennis.

Use the pie chart to draw a bar chart to display this information.

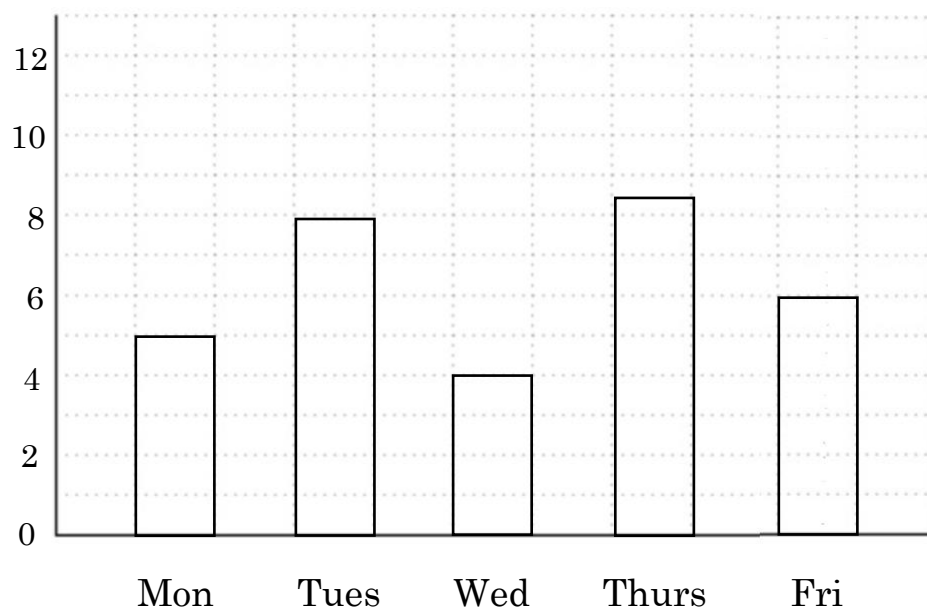


Answer: _____

(5 marks)



Q8. The bar chart shows the number of cars sold at a local garage during a Monday to Friday working week.



Explain what two mistakes have been made in this graph.

Answer: _____
(2 marks)