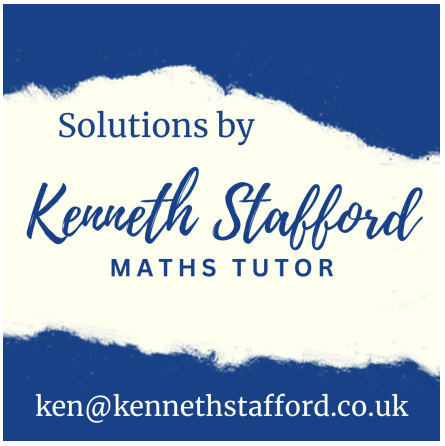
Name: SOLUTIONS

GCSE (1 - 9)

Bar Charts





These questions are compiled from *released* Pearson Edexcel GCSE maths exam papers
They contain exam questions from up until the ***Summer 2023*** exam series
More recent exam papers do exist but are withheld for mock exams
As new exam papers are released these worksheets will gradually be updated
The ***most current*** version of these worksheets will always be available at: kennethstafford.co.uk

Question	Where the question appeared
1	Edexcel, GCSE, Autumn 2021, Paper 1F, Q8
2	Edexcel, GCSE, Autumn 2020, Paper 2F, Q7
3	Edexcel, GCSE, Autumn 2019, Paper 3F, Q9
4	Edexcel, GCSE, Summer 2023, Paper 3F, Q9
5	Edexcel, GCSE, November 2022, Paper 1F, Q13
6	Edexcel, GCSE, November 2022, Paper 2F, Q9
7	Edexcel, GCSE, Summer 2022, Paper 1F, Q8

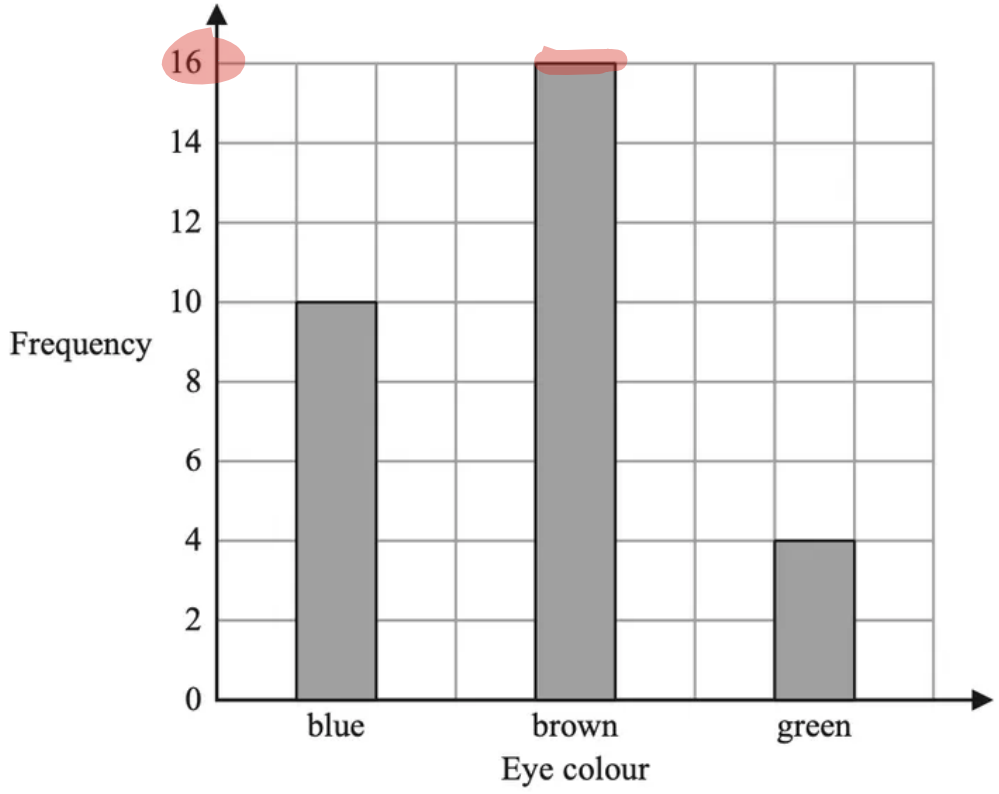
1

Grace recorded the eye colour of each of the students in her class.

The frequency table below shows her results.

Eye colour	Frequency
blue	10
brown	15
green	4

Grace then drew the bar chart below for this information.



Write down one thing that is wrong with this bar chart.

The bar for brown eye colour is too high and shows a frequency of 16 when it should be 15.

(Total for Question 8 is 1 mark)

[Edexcel, GCSE, Autumn 2021, Paper 1F, Q8]

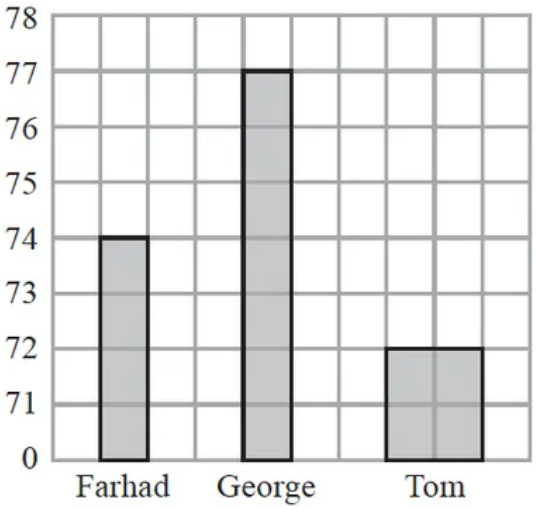
2

Farhad, George and Tom each did a test.

Here are their marks for the test.

Farhad	74
George	77
Tom	72

George drew this bar chart to show the marks they got.
The bar chart is **not** fully correct.



Write down **two** things that are wrong with George's bar chart.

The scale for marks starts at zero and then jumps to 71.

Tom's bar should be the same width as the other 2 bars, it is wider

There are no labels on the axes

(Total for Question 7 is 2 marks)

[Edexcel, GCSE, Autumn 2020, Paper 2F, Q7]

3

Mrs Brown asked each child in her class which pet they liked best.

Here are her results.

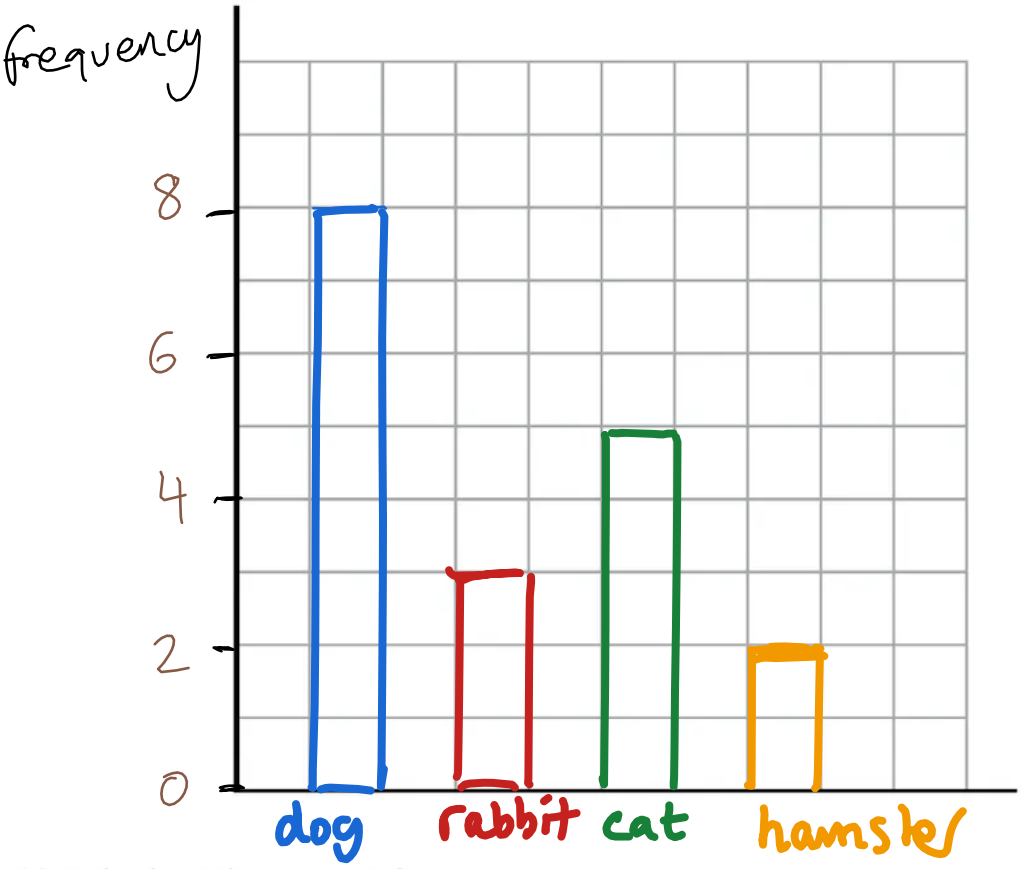
dog	rabbit	cat	dog	dog	hamster
cat	dog	rabbit	hamster	cat	cat
dog	dog	cat	dog	rabbit	dog

(a) Complete the frequency table for this information.

Pet	Tally	Frequency
dog	𝍸 III	8
rabbit	III	3
cat	𝍸	5
hamster	II	2

(2)

(b) On the grid below, draw a bar chart for this information.



(3)

(c) Write down the most popular pet.

dog

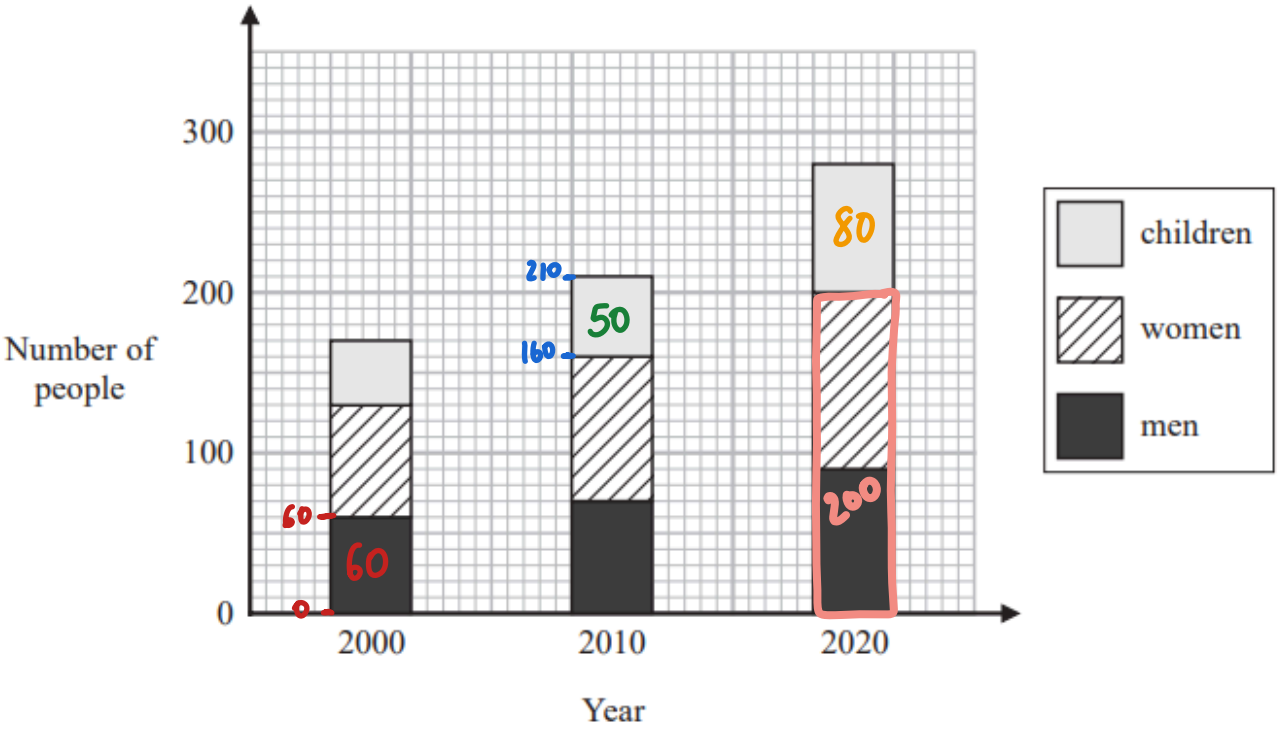
(1)

(Total for Question 9 is 6 marks)

[Edexcel, GCSE, Autumn 2019, Paper 3F, Q9]

5

The composite bar chart shows information about the number of people living in a village.



(a) Write down the number of men living in the village in the year 2000

60

(1)

(b) Find the number of children living in the village in the year 2010

50

(1)

For the people living in the village in the year 2020

(c) find the ratio of the number of children to the **total** number of men and women.

80 : 200 = 2 : 5

(2)

(Total for Question 13 is 4 marks)

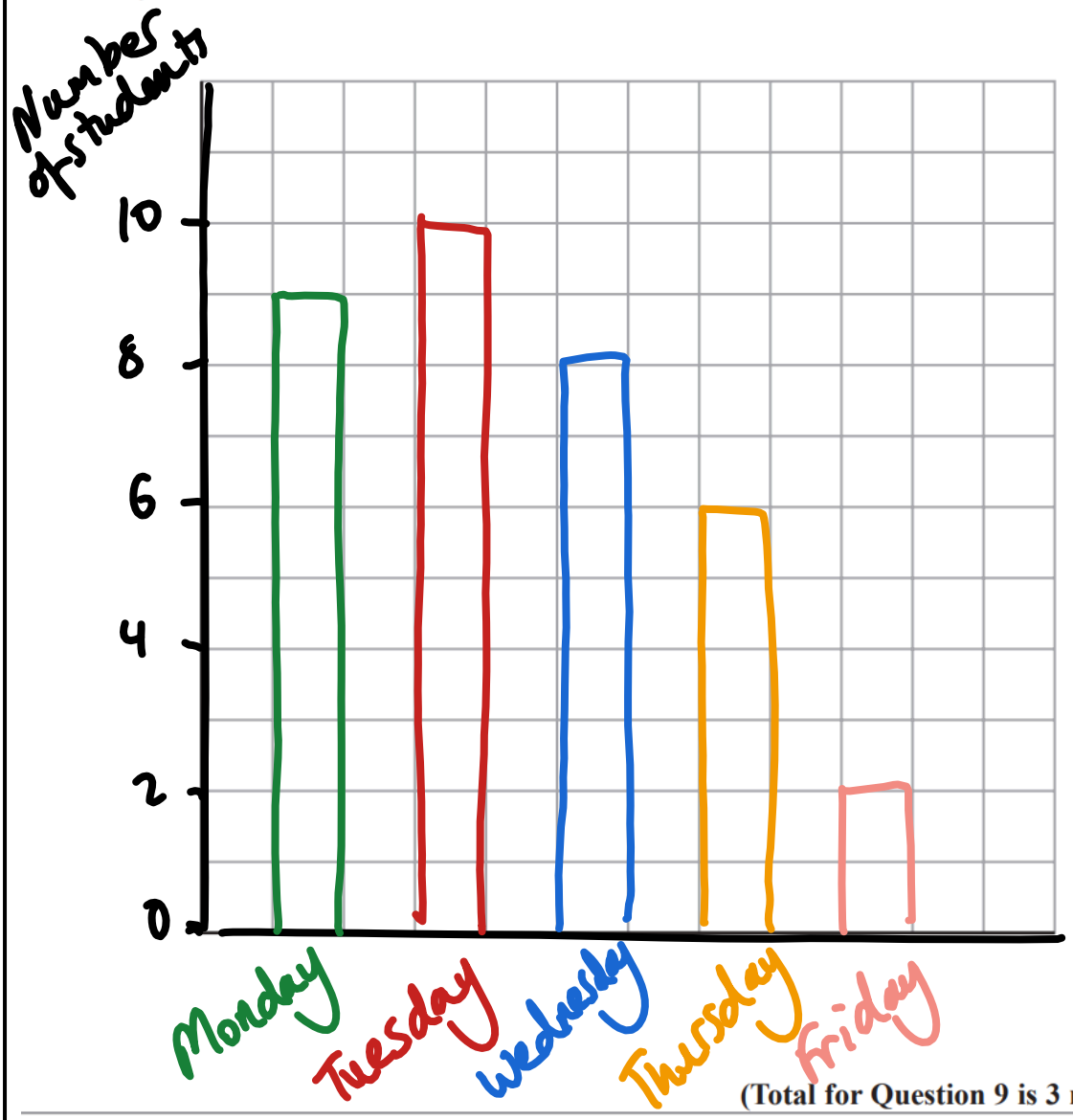
[Edexcel, GCSE, November 2022, Paper 1F, Q13]

6

The table shows information about the number of students who arrived late at school each day one week.

	Number of students
Monday	9
Tuesday	10
Wednesday	8
Thursday	6
Friday	3

On the grid, draw a bar chart for this information.

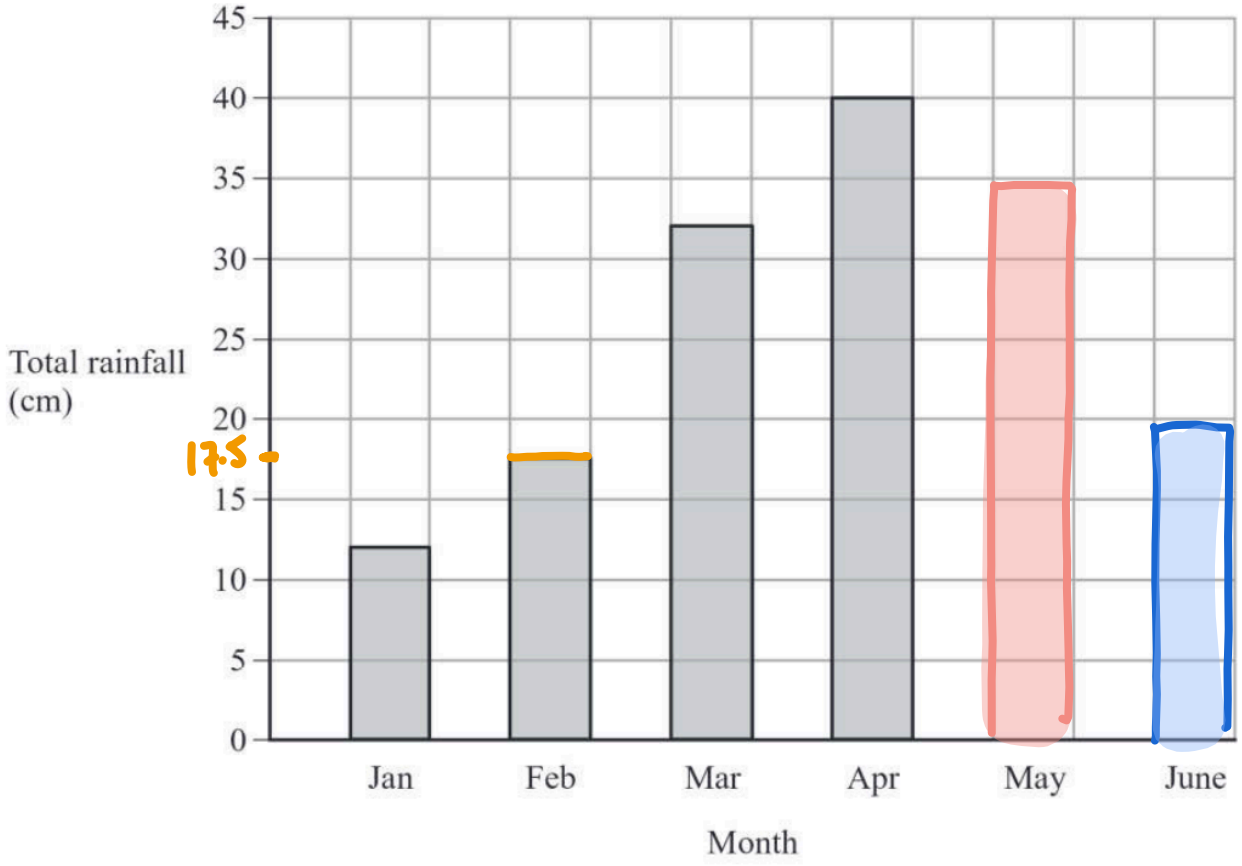


(Total for Question 9 is 3 marks)

[Edexcel, GCSE, November 2022, Paper 2F, Q9]

7

The bar chart shows information about the total rainfall each month for four months in a city.



In May, the total rainfall was 35 cm.
In June, the total rainfall was 20 cm.

(a) Use this information to complete the bar chart.

(2)

Rupa says,

"In February there was 15.5 cm of rainfall because the bar is half a square above 15"

(b) Explain why Rupa is incorrect.

It was 17.5cm of rain

.....

.....

.....

(1)

(Total for Question 8 is 3 marks)

[Edexcel, GCSE, Summer 2022, Paper 1F, Q8]