



THIRD SPACE
LEARNING

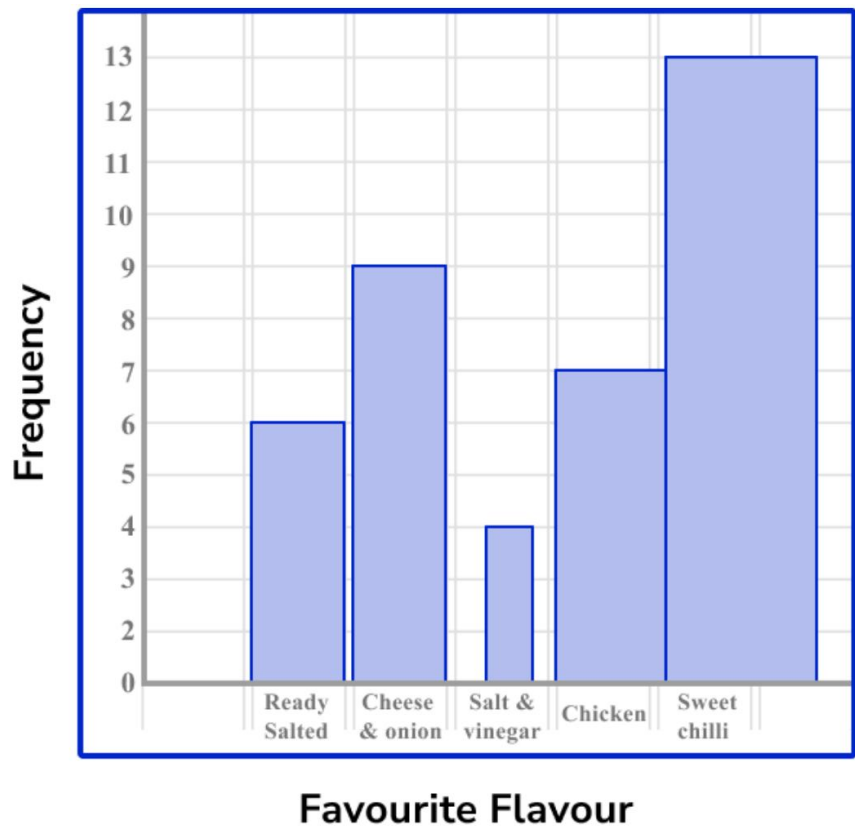
GCSE Exam Questions

Bar Charts | Statistics

GCSE Exam Questions: Bar Charts

1) This bar chart shows people’s favourite flavour of crisps.

People’s Favourite Flavour of Crisps



Give two reasons why this chart is not correct.

Reason 1
.....
Reason 2
.....

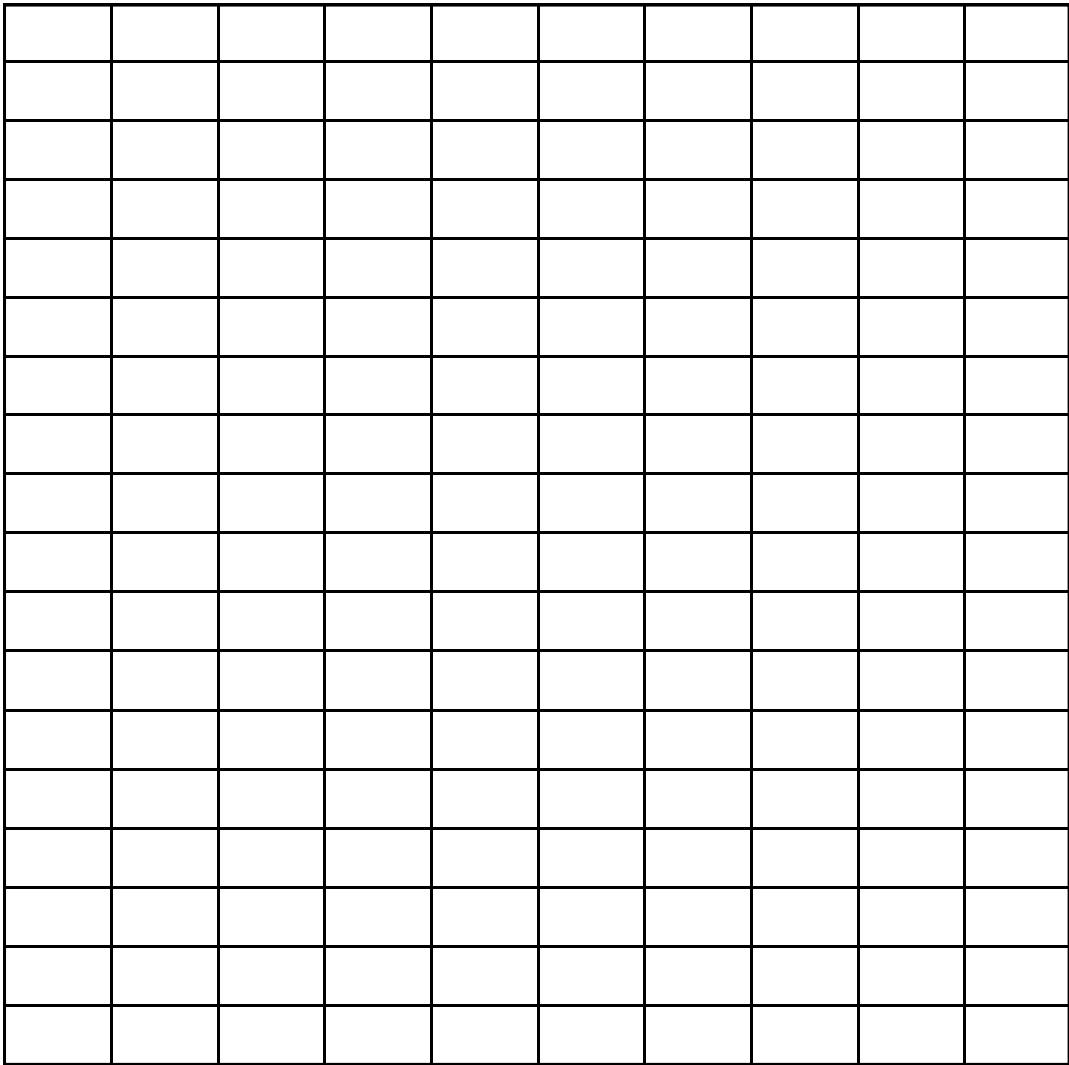
(2 marks)

GCSE Exam Questions: Bar Charts

2) Some people were asked if they liked football, netball or hockey. The table shows the results for the males and the results for the females.

	Football	Netball	Hockey
Male	8	3	5
Female	4	7	5

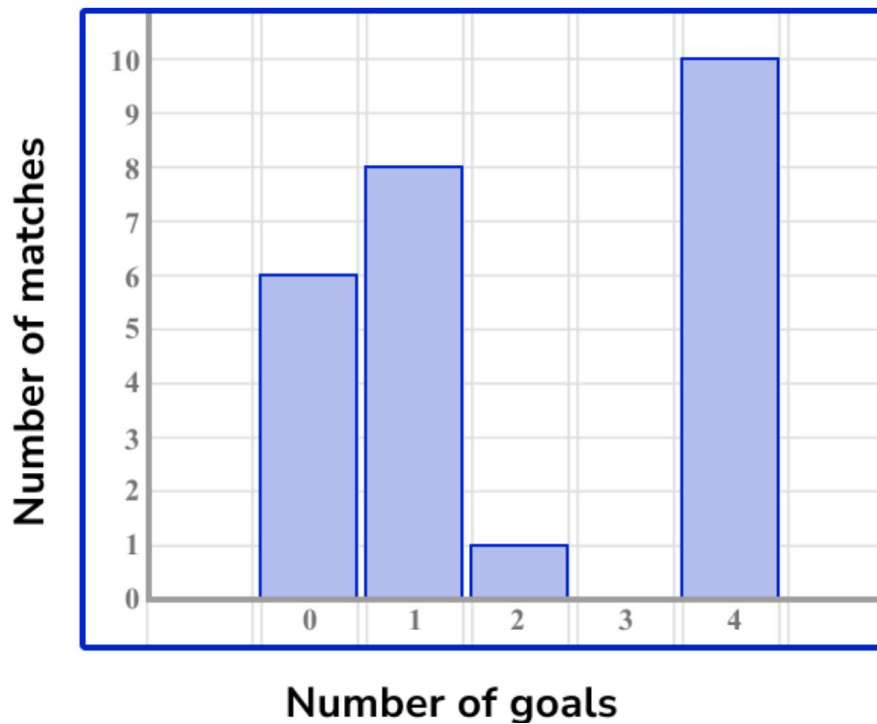
On the grid, draw a bar chart to show this information.



(4 marks)

GCSE Exam Questions: Bar Charts

- 3) This graph shows the number of goals scored by a hockey team.



- (a) Which number of goals is the mode?

(1)

- (b) How many matches did the hockey team play altogether?

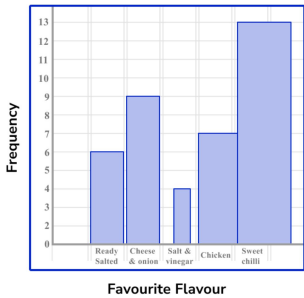
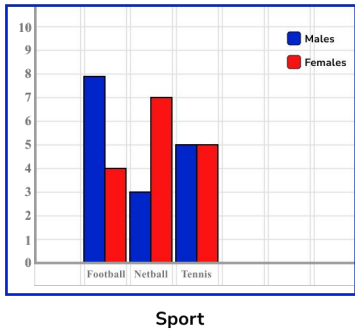
(2)

- (c) What is the range of the number of goals they scored?

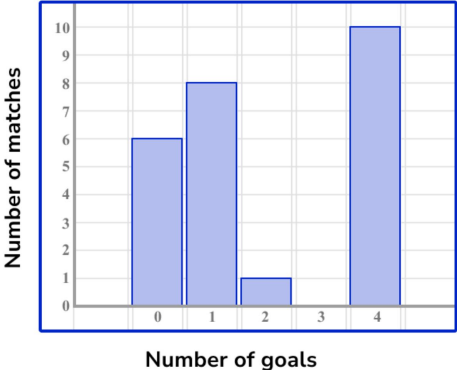
(2)

(5 marks)

GCSE Exam Questions: Bar Charts Answers

	Question	Answer	Marks												
1)	This bar chart shows people's favourite flavour of crisps. People's Favourite Flavour of Crisps  Give two reasons why this chart is incorrect.	The bars are different widths oe The frequency axis does not increase in equal steps (0-2, 2-3) oe	(1) (1)												
2)	Some people were asked if they liked football, netball or hockey. The table shows the results for the males and the results for the females. <table border="1" data-bbox="202 1043 790 1176"> <thead> <tr> <th></th><th>Football</th><th>Netball</th><th>Hockey</th></tr> </thead> <tbody> <tr> <td>Male</td><td>8</td><td>3</td><td>5</td></tr> <tr> <td>Female</td><td>4</td><td>7</td><td>5</td></tr> </tbody> </table> On the grid, draw a bar chart to show this information.		Football	Netball	Hockey	Male	8	3	5	Female	4	7	5	Axes drawn and labelled One bar drawn to the correct height All bars drawn to the correct height Correct key A chart to show the sports males and females liked 	(1) (1) (1) (1)
	Football	Netball	Hockey												
Male	8	3	5												
Female	4	7	5												

GCSE Exam Questions: Bar Charts Answers

	Question	Answer	Marks
3)	This graph shows the number of goals scored by a hockey team.  Number of goals		
(a)	Which number of goals is the mode?	4 goals	(1)
(b)	How many matches did the hockey team play altogether?	$6 + 8 + 1 + 10$ $= 25$	(1) (1)
(c)	What is the range of the number of goals they scored?	$4 - 0$ $= 4$	(1) (1)

Where to go next?

For more diagnostic questions, and GCSE maths revision resources and worksheets to support students in fixing any misconceptions take a look at the free Third Space Learning [GCSE maths revision](#) pages.

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