



THIRD SPACE
LEARNING

GCSE Exam Questions

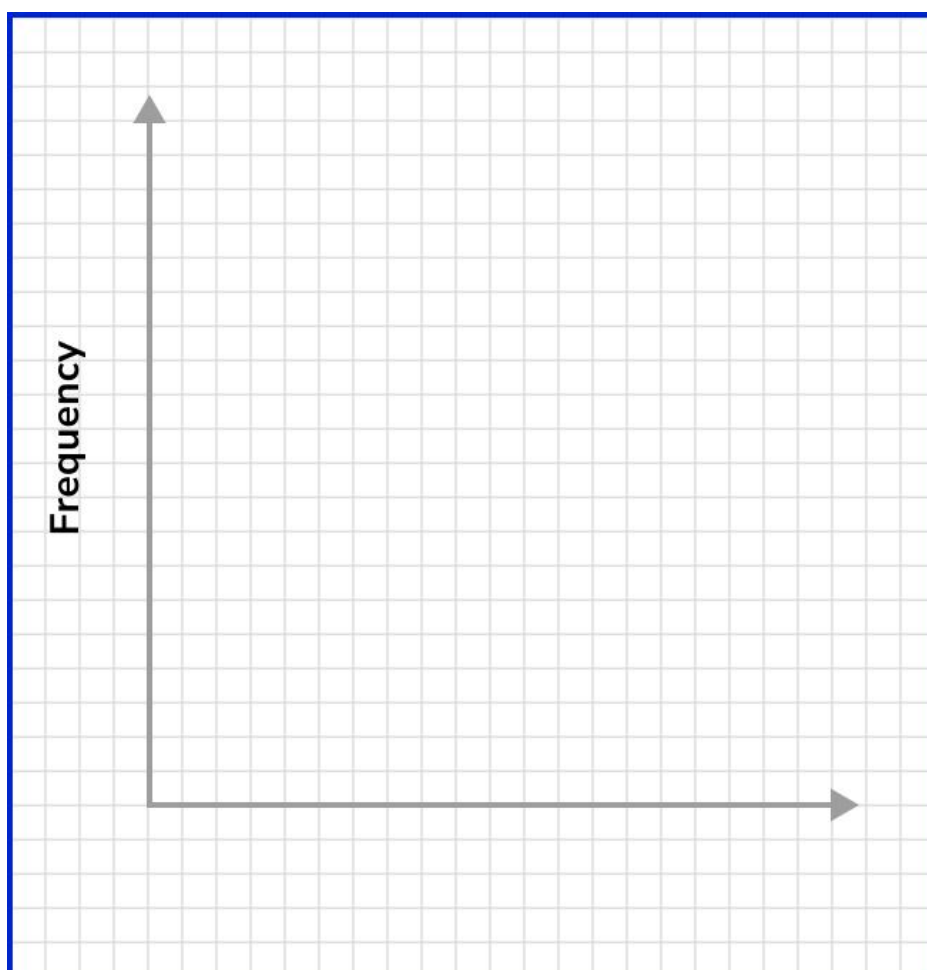
X and Y Axis | Statistics

GCSE Exam Questions: X and Y Axis

- 1) Here are the results of a survey to find out the shoe size of year 10 pupils in class 10A.

Shoe Size	Frequency
5	10
6	11
7	6
8	3

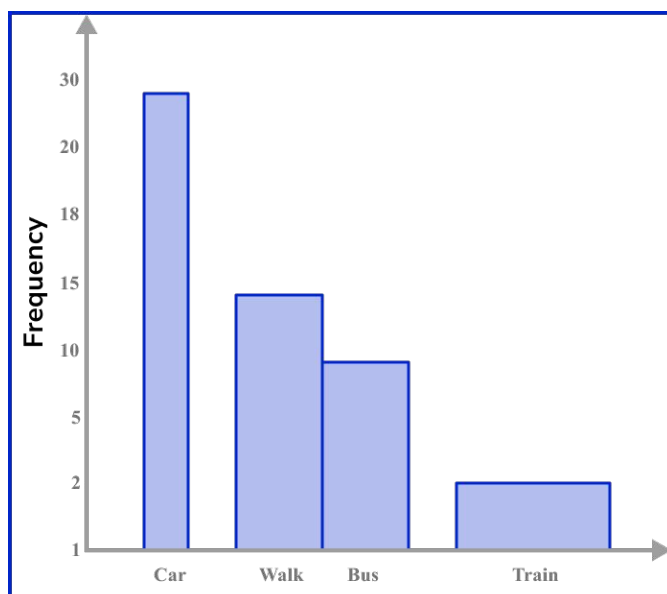
By using the appropriate scales draw the x and y axis on the graph paper below:



(3 marks)

GCSE Exam Questions: X and Y Axis

- 2) Identify 3 things that are incorrect about the bar chart below:



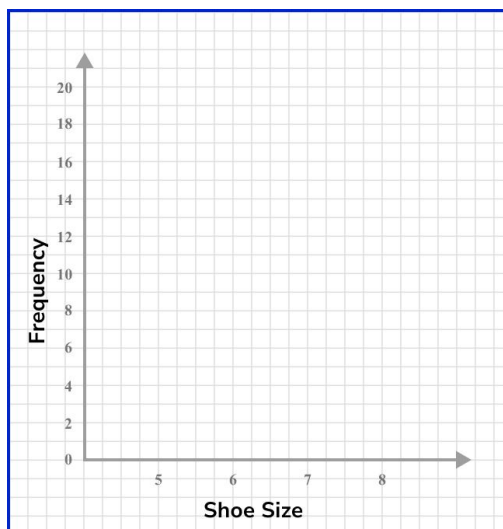
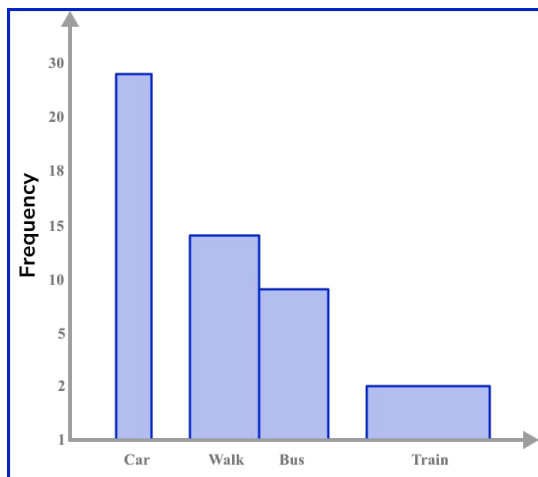
1. _____

2. _____

3. _____

(3 marks)

GCSE Exam Questions: X and Y Axis Answers

	Question	Answer	Marks										
1) (a)	<p>By using the appropriate scales draw the x and y axis on the graph paper below</p> <table><thead><tr><th>Shoe Size</th><th>Frequency</th></tr></thead><tbody><tr><td>5</td><td>10</td></tr><tr><td>6</td><td>11</td></tr><tr><td>7</td><td>6</td></tr><tr><td>8</td><td>3</td></tr></tbody></table>	Shoe Size	Frequency	5	10	6	11	7	6	8	3	<p>(a)</p>  <p>For correct x- axis scale For correct y- axis scale Horizontal axis “Shoe Size” labelled</p>	<p>(1) (1) (1)</p>
Shoe Size	Frequency												
5	10												
6	11												
7	6												
8	3												
2)	<p>Identify 3 things incorrect about this bar chart</p> 	<p>Example reasons:</p> <p>1) Incorrect frequency scale 2) Bars are not the same width 3) Bars are not equally spaced 4) Y axis does not start a zero</p> <p>1 reason correctly identified 2 different reasons correctly identified 3 different reasons correctly identified</p>	<p>(1) (1) (1)</p>										

Where to go next?

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