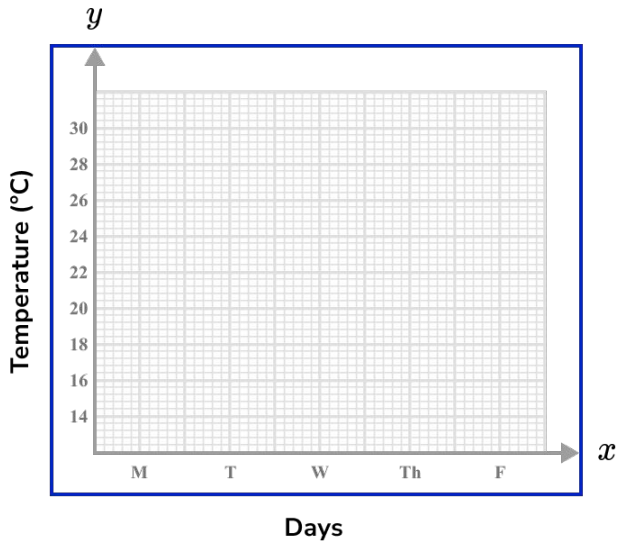# GCSE Exam Questions

Line Graph | Statistics

GCSE Exam Questions: Line Graph

1) **(a)** The table shows the average daily temperature taken over 5 days in September.

Day	Mon	Tues	Wed	Thurs	Fri
Temperature (°C)	27	30	19	17	20

Use the information in the table to plot a line graph on the axis below.

(2)

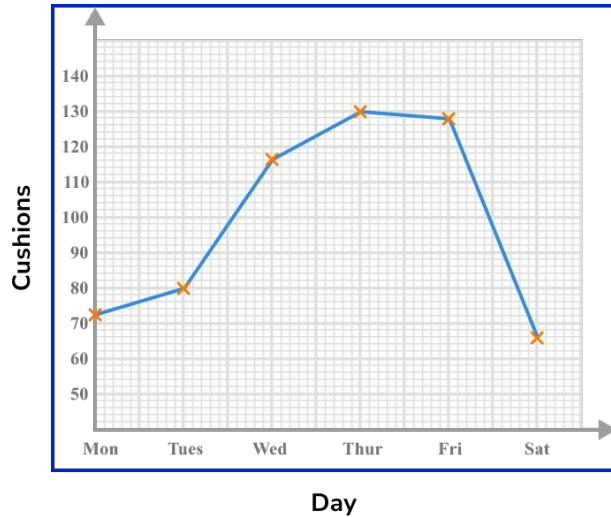**(b)** Between which two consecutive days was there the biggest difference in temperature?

- -

(1)

(c) Describe the trend in the temperatures over the 5 days.

- -

(1)

(4 marks)

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1

GCSE Exam Questions: Line Graph

2) The graph shows the number of cushions sold in
a furniture shop over 6 days.

(a) How many cushions were sold on Thursday?

- -

(1)

(b) Which day had the least cushions sold?

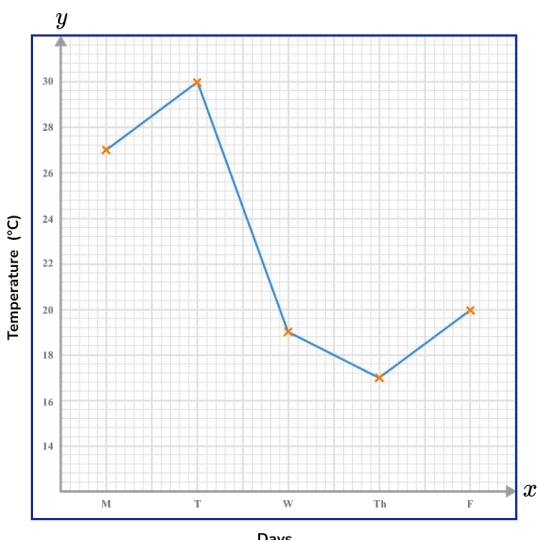- -

(1)

(c) Blythe says this:

*'Between Friday and Saturday the line goes down, this means that
fewer cushions were sold on Friday afternoon than Friday morning.'*

Do you agree with Blythe?
Explain your answer

- -

(2)

(4 marks)

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GCSE Exam Questions: Line Graph Answers

	Question	Answer	Marks
1) (a)	Use the information in the table to plot a line graph on the axis below. <table><tr><td>Day</td><td>Mon</td><td>Tues</td><td>Wed</td><td>Thurs</td><td>Fri</td></tr><tr><td>Temperature (°C)</td><td>27</td><td>30</td><td>19</td><td>17</td><td>20</td></tr></table>	**(a)** All 5 data points drawn correctly Joined up with straight lines	**(1)** **(1)**
(b)	Between which 2 consecutive days was there the biggest difference in temperature?	**(b)** Tuesday and Wednesday	**(1)**
(c)	Describe the trend in the data	**(c)** The trend is an overall decrease in the average temperature.	**(1)**
2) (a)	How many cushions were sold on Thursday?	**(a)** 130	**(1)**
(b)	Which day had the least number of cushions sold?	**(b)** Saturday	**(1)**
(c)	Blythe says this *'Between Friday and Saturday the line goes down, this means that fewer cushions were sold on Friday afternoon than Friday morning.'* Do you agree with Blythe? Explain your answer	**(c)** No / Blythe is incorrect We do not know the exact number of cushions sold at particular times in the day **oe**	**(1)** **(1)**

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