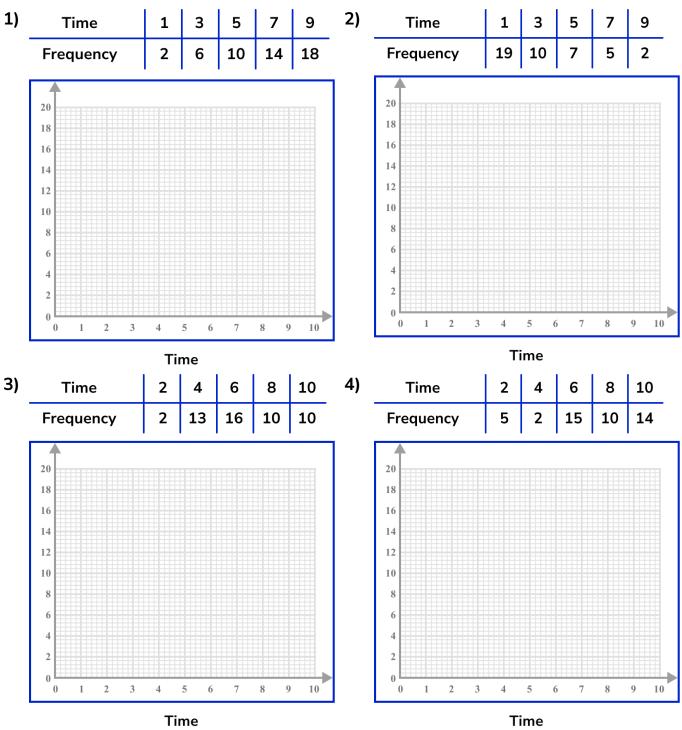


#### Skill

#### Group A - Drawing line graphs

For each of the following use the templates provided to draw the line graphs



#### Group B - Drawing line graphs with appropriate scales

Using the tables of values draw the graphs using appropriate scales on the templates provided.

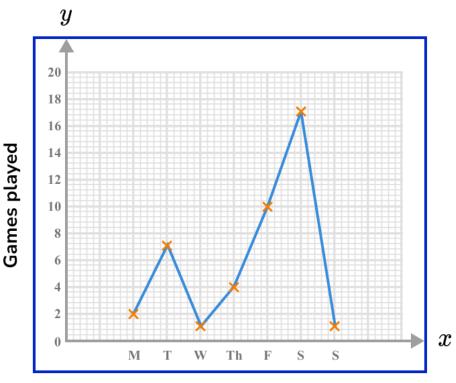




#### Group C - Reading line graphs

Work out:

The number of matches played by a chess player over one week are shown in the line graph below:

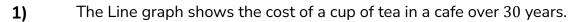


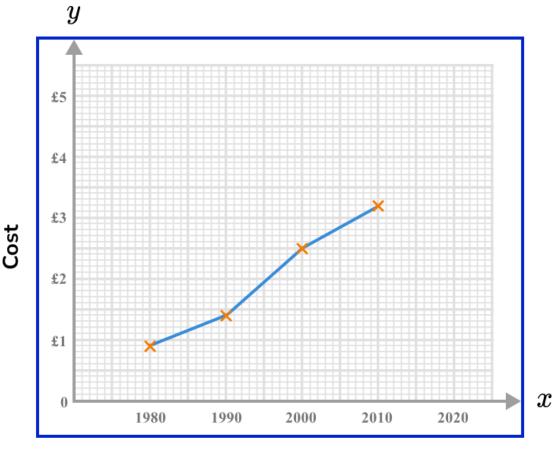
Days of the week

<b>1)</b> How many games were played on Monday?	<b>2)</b> How many games were played on Tuesday?	<b>3)</b> How many games were played on Wednesday?
<b>4)</b> How many games were played on Thursday?	<b>5)</b> How many games were played on Friday?	<b>6)</b> How many games were played on Saturday?
<b>7)</b> How many games were played on Sunday?	<b>8)</b> Which 2 days have a difference of 8 games played?	<b>9)</b> Which day do you think there was a chess tournament?



#### Applied





Year

- (a) In which year was the price £2.50?
- (b) What was the cost of tea in 1990?
- (c) What is the difference in price between the year 2000 and 2010?
- (d) Estimate the price of a cup of tea in 2005.
- (e) Sam says that the cost of a cup of tea in the cafe will be £3.60 by 2020 Do you agree with Sam? Explain your answer.

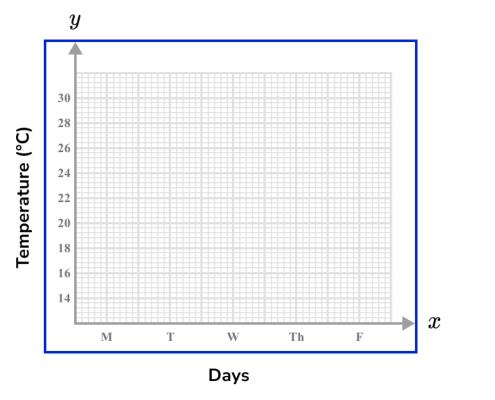


#### Line Graph - Exam Questions

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.



- Between which two consecutive days was there the biggest difference in
- .....(1)

(2)

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

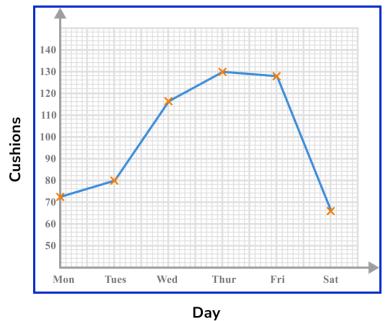
**(b)** 

temperature?

(1) (4 marks)



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 less cushions were sold on Friday afternoon than Friday morning.'

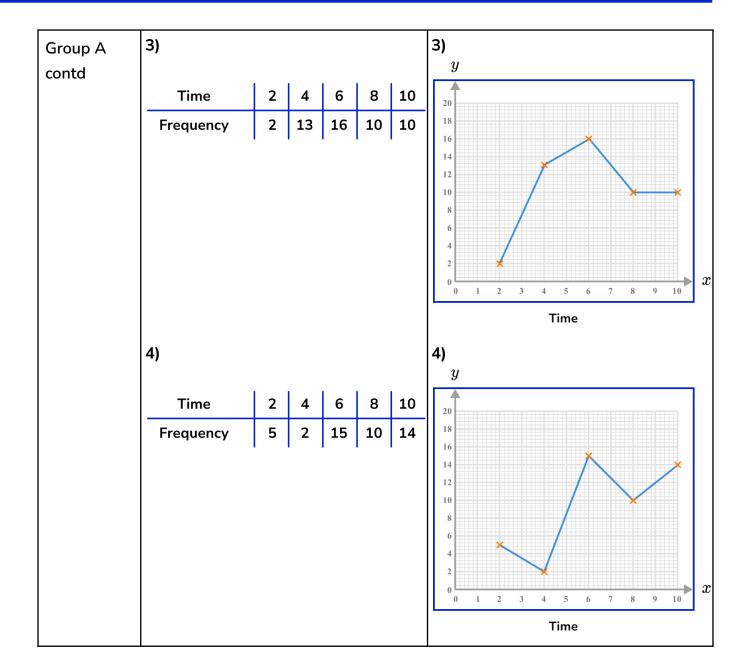
Do you agree with Blythe? Explain your answer



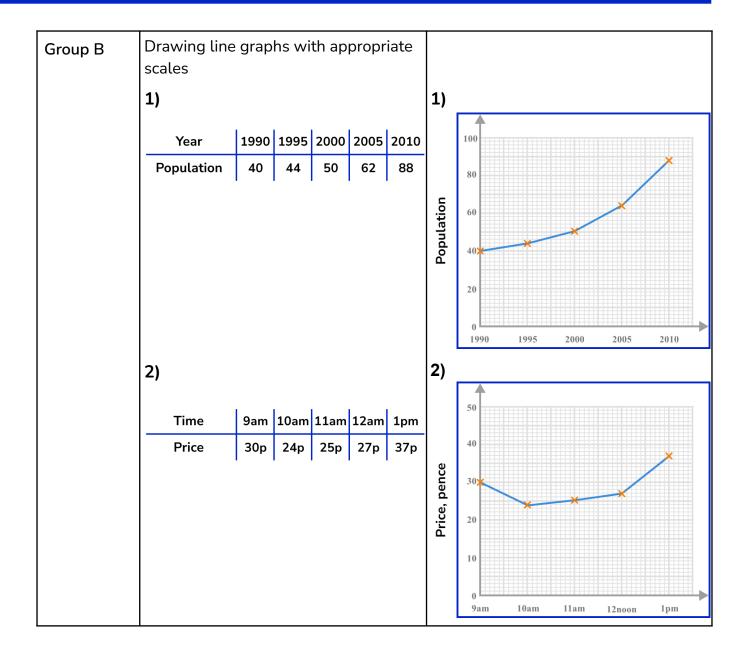


	Question						Answer	
	Skill Questions	5						
Group A	For each of the templates prov graphs							
	1)						1) y	
	Time	1	3	5	7	9	20	
	Frequency	2	6	10	14	18	18 16 14 12 10 8 6 4 2 0 0 1 2 3 4 5 6 7 8 9 10 Time	
	2)						2) y	
	Time Frequency	1	3 10	5	7	9	$ \frac{20}{18} \\ \frac{14}{12} \\ 0 \\ 0 \\ 1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 4 \\ 2 \\ 0 \\ 0 \\ 1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \\ 9 \\ 10 $ $x$	







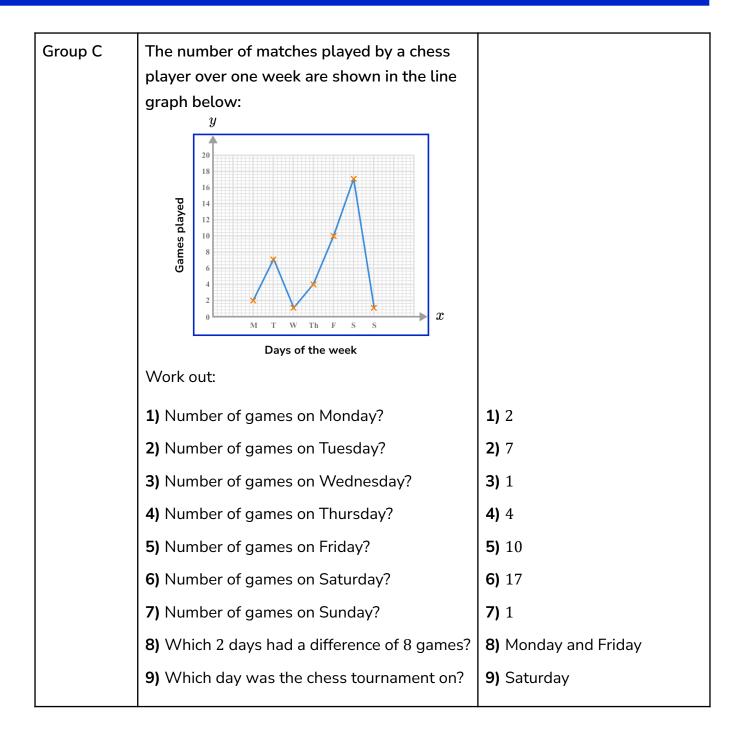




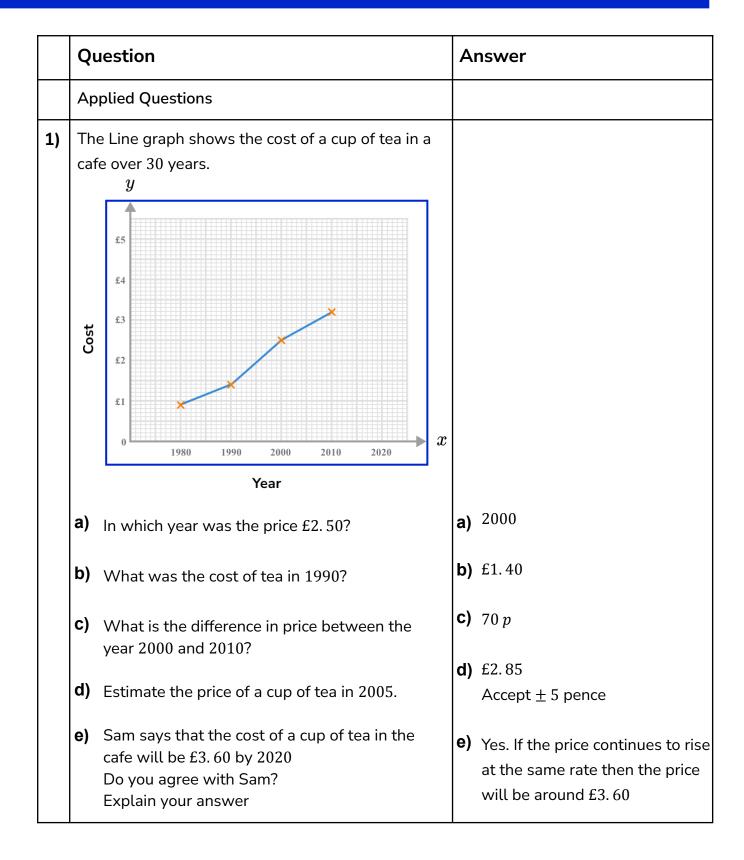
#### THIRD SPACE LEARNING

3)						3)	
Month	1	2	3	4	5		50
Height, cm	3	5	10	20	35		40
						ε	×
						ht, cı	30
						Heigl	20
						-	10
4)						4)	
Day	м	т	w	т	F	y	
Temperature	14	16	15	10	9	20	
						18 16	×
						14	× <
						10	
						8	
						4	
						0	M T W Th F S S
	Month Height, cm 4) Day	Month 1 Height, cm 3 4) Day M	Month         1         2           Height, cm         3         5           4)         Day         M         T	Month         1         2         3           Height, cm         3         5         10           4)         Day         M         T         W	Month         1         2         3         4           Height, cm         3         5         10         20           4)           Day         M         T         W         T	Month       1       2       3       4       5         Height, cm       3       5       10       20       35         4)       Day       M       T       W       T       F	Month       1       2       3       4       5         Height, cm       3       5       10       20       35         Height, cm       3       5       10       9       4)       9         Height, cm       14       16       15       10       9       9         Height, cm       14       16       15       10       9       18











# Line Graph - Mark Scheme

		Question	Answer					
		Exam Questions						
1)	(a)	(a) Use the information in the table to plot a line graph on the axis below. Day Mon Tues Wed Thurs Fri Temperature (°C) 27 30 19 17 20		(a) All 5 data points drawn correctly Joined up with straight lines				
	(b)	Between which 2 consecutive days was there the biggest difference in temperature?		Tuesday and Wednesday	(1)			
	(c)	Describe the trend in the data		The trend is an overall decrease in the average temperature.	(1)			
2)	(a)	<ul><li>Thursday?</li><li>Which day had the least number of cushions sold?</li></ul>		130	(1)			
	(b)			Saturday				
	(c)			No / Blythe is incorrect We do not know the exact number of cushions sold at particular times in the day <b>oe</b>				

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