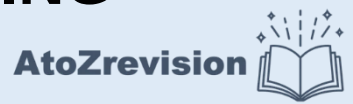


BAR AND TALLY CHARTS: DRAWING

GRADE 1



Examination practice questions

You should have:

A ruler, protractor, compasses, a pen, pencil, eraser, calculator.
For some questions, you may need tracing paper.

Instructions

- Use **black** ink or ball-point pen.
- Answer the questions in the spaces provided – *there may be more space than you need.*
- **Calculators may be used.**

Information

- The marks for each question are shown in brackets.
- If the number of marks for two similar questions isn't the same, this is likely due to them being modelled on different specifications. In this case, it is worth considering both mark schemes.
- Use the number of marks for each question as a guide as to how much time to spend on each question. As a rough guide, you can multiply the number of marks by 1.2 to see how many minutes you should spend on a question.
- Questions will generally get more challenging as the document progresses. Some of the latter questions may go beyond the core grade level for this topic.

Advice

- Read each question carefully before you start to answer it.
- Don't forget to have fun.
- Check your answers at the end.

Here is a list of the weeds in Harry's garden.

daisy	buttercup	clover	daisy	dandelion
clover	daisy	clover	daisy	dandelion
clover	daisy	daisy	clover	clover
dandelion	dandelion	clover	buttercup	clover

(a) Show this information in a frequency table.

(2)

Type of weed	Tally	Frequency
daisy		
buttercup		
clover		
dandelion		

(b) Draw a suitable chart or diagram to show this information.



(3)

(c) What type of weed is there most of?

(1)

(6 marks)

Mr Khan asked the 22 students in his class what activity they wanted to do on a school trip.
Here are the results.

bowling	swimming	roller skating	swimming
swimming	bowling	roller skating	roller skating
roller skating	swimming	roller skating	swimming
swimming	cinema	bowling	cinema
cinema	roller skating	swimming	swimming
swimming	bowling		

(a) Complete the frequency table.

Activity	Tally	Frequency
bowling		
swimming		
roller skating		
cinema		

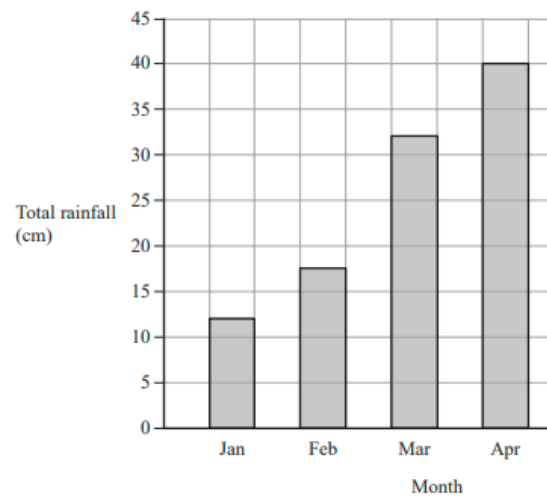
(2)

(b) Show the results of Mr Khan's survey in a suitable diagram.

(3)

(6 marks)

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



Rupa says,

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

Rupa is incorrect. What is the rainfall for February?

.....

(1 mark)

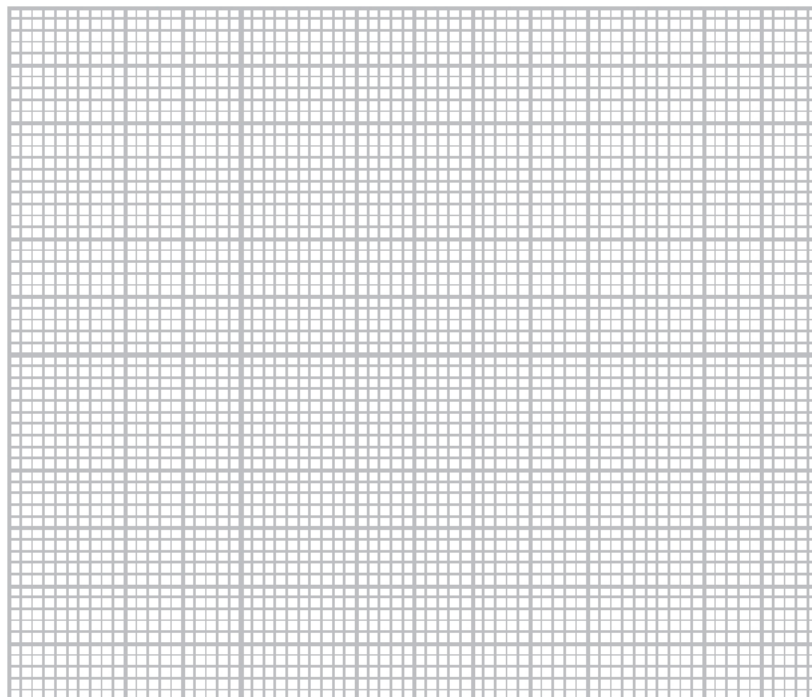
The table shows information about the number of grams of protein, of carbohydrate and of fat in 100 grams of regular yoghurt and in 100 grams of low fat yoghurt.

	Protein	Carbohydrate	Fat
Regular	4.7	4.7	3.4
Low Fat	5.9	5.8	0.2

(1)

Jamie is going to compare the information in the table.

On the grid, draw a suitable diagram or chart he could use.



(4)

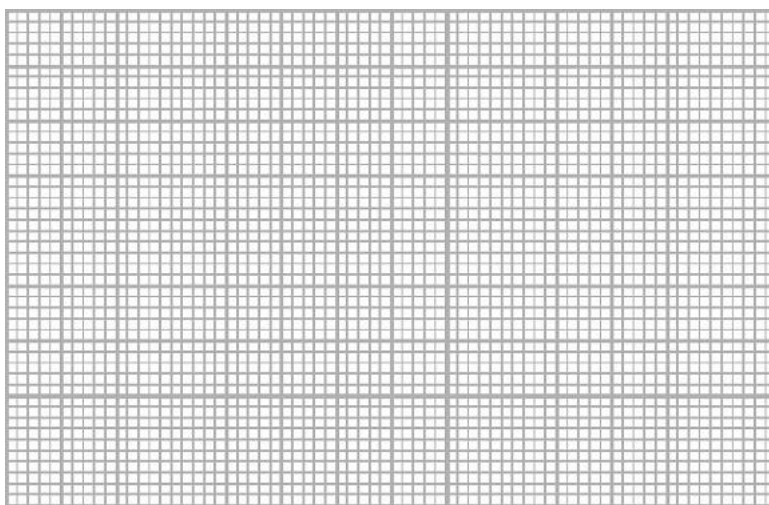
(5 marks)

Harry and Shamus recorded the number of minutes they each spent watching TV on Monday to Thursday last week.

The table shows information about their results.

	Monday	Tuesday	Wednesday	Thursday
Harry	35	30	25	20
Shamus	10	20	25	40

(a) Show this information in a suitable diagram.



(4)

(b) Compare the numbers of minutes Harry and Shamus each spent watching TV on Monday to Thursday last week.

Write down two comparisons.

1

.....

2

.....

(2)

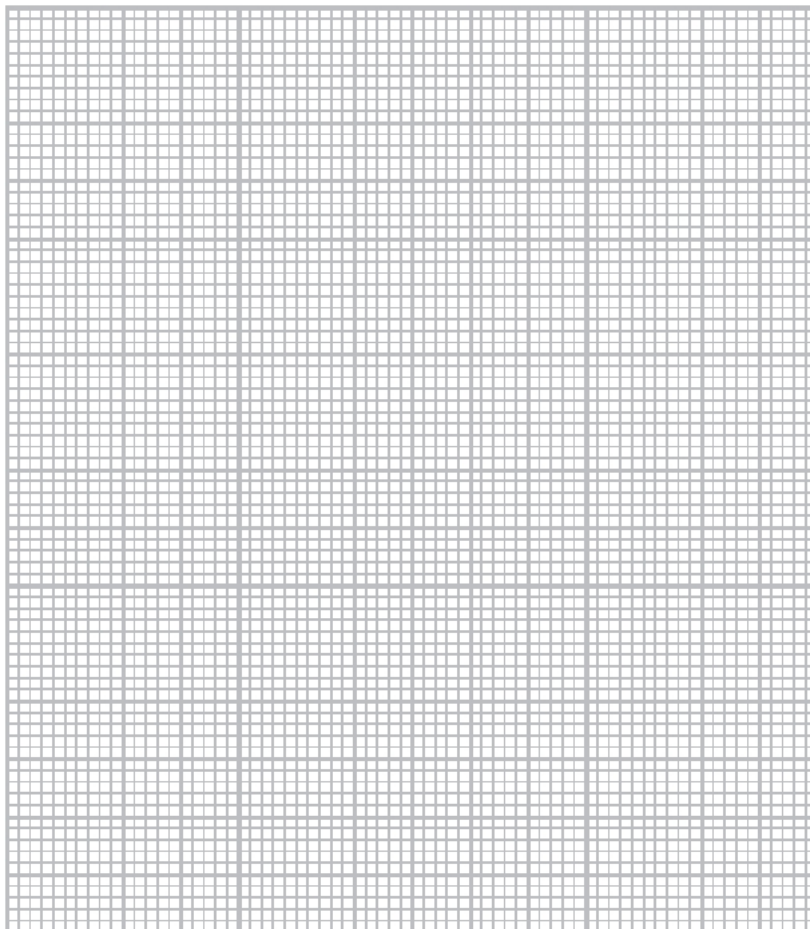
(6 marks)

Wizard and Reds are two basketball teams.

The table shows some information about the total number of points scored by Wizard and the total number of points scored by Reds in each of four months last year.

	September	October	November	December
Wizard	20	27	19	33
Reds	18	26	38	30

On the grid, draw a suitable diagram to show this information.

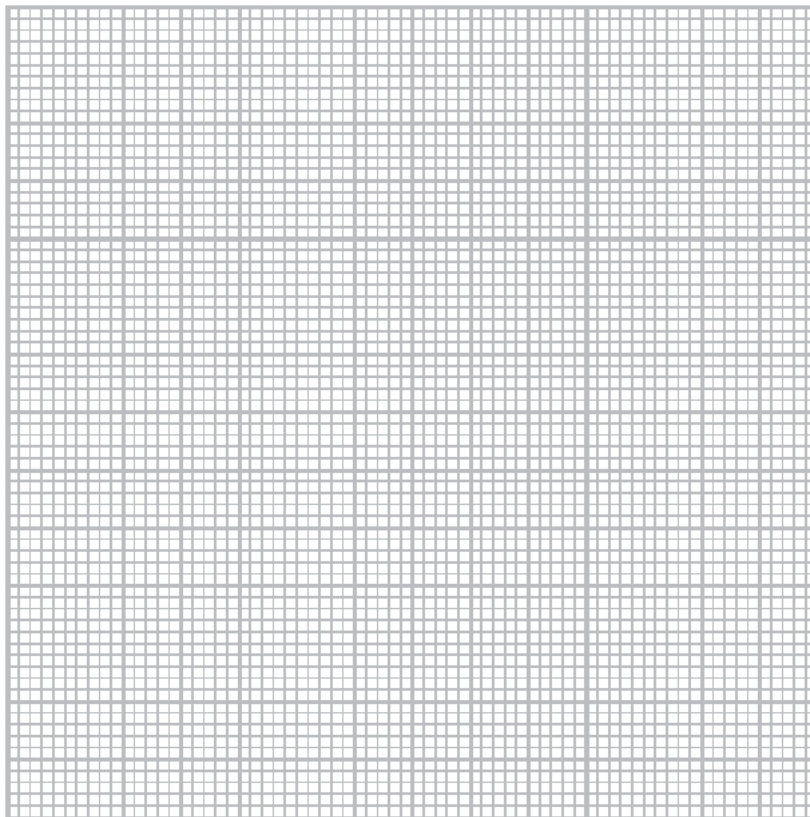


(4 marks)

The table shows information about the number of times Trudy and Phil each played a computer game in each of four months this year.

	February	March	April	May
Trudy	25	50	35	15
Phil	10	40	35	20

On the grid, draw a suitable graph to show this information.



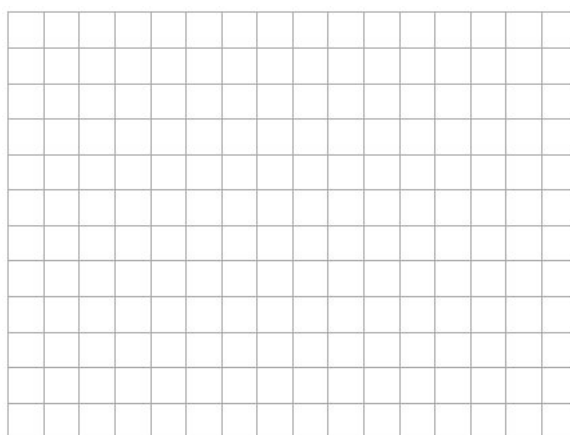
(4 marks)

Mrs Jones recorded the number of boys and the number of girls absent from school each day last week.
The table shows this information.

Day	Mon	Tues	Wed	Thur	Fri
Boys	8	8	6	5	2
Girls	4	6	3	5	9

Mrs Jones wants to compare this information.

On the grid draw a suitable diagram or chart.



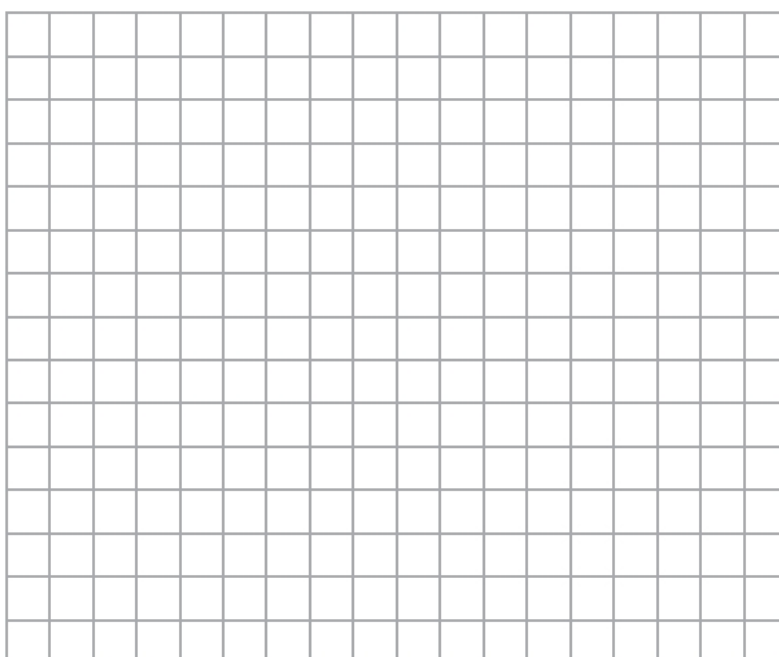
(4 marks)

The table shows information about the number of students absent from a school last week.

	Mon	Tues	Wed	Thur	Fri
Year 7	16	14	17	21	26
Year 8	16	18	11	13	20

Simon wants to compare this information.

On the grid, draw a suitable diagram or chart Simon can use.



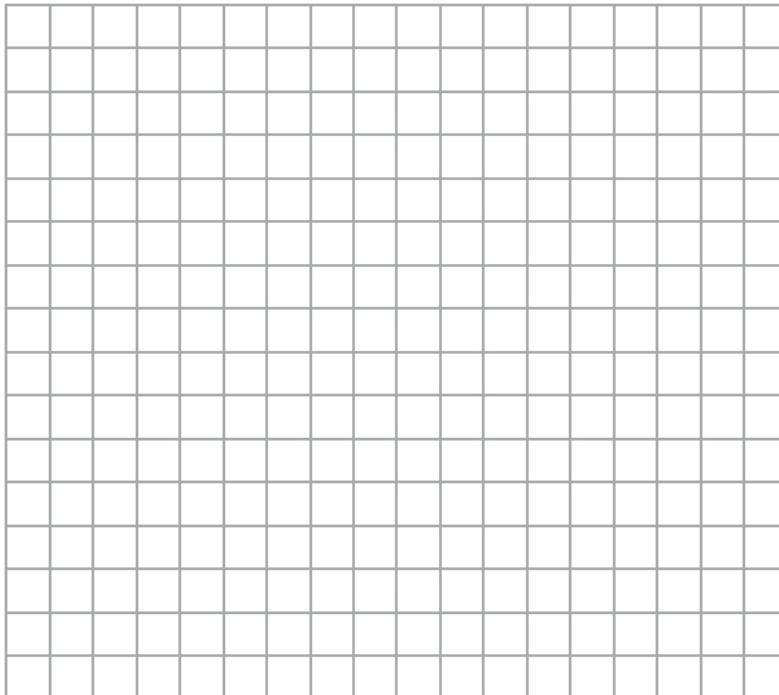
(4 marks)

The table shows information about the average daily hours of sunshine in Majorca and in Crete for each of five months.

	April	May	June	July	August
Majorca	9	9	11	11	10
Crete	6	8	11	13	12

Simon wants to compare this information.

On the grid, draw a suitable diagram or chart.



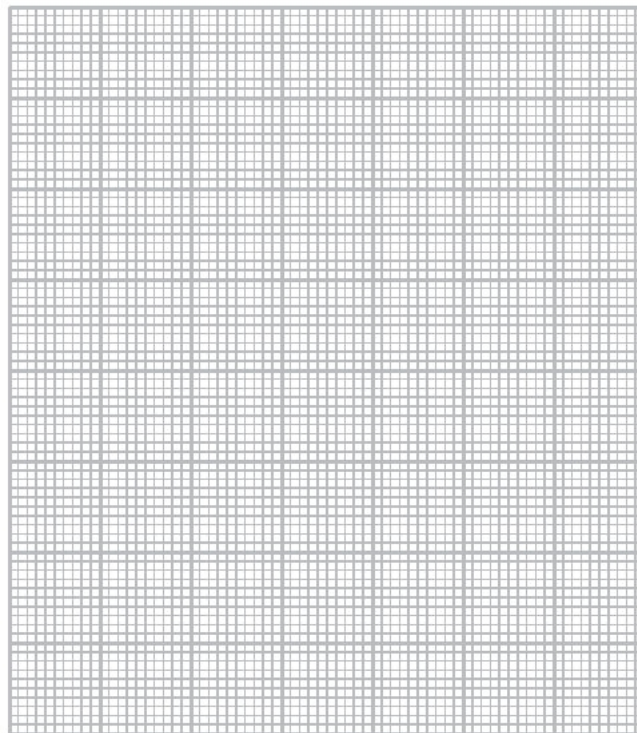
(4 marks)

Kitty and George sell cars.

The table shows the numbers of cars sold by Kitty and by George in the first four months of 2013.

	January	February	March	April
Kitty	2	5	13	10
George	4	7	9	10

Show this information in a suitable diagram.



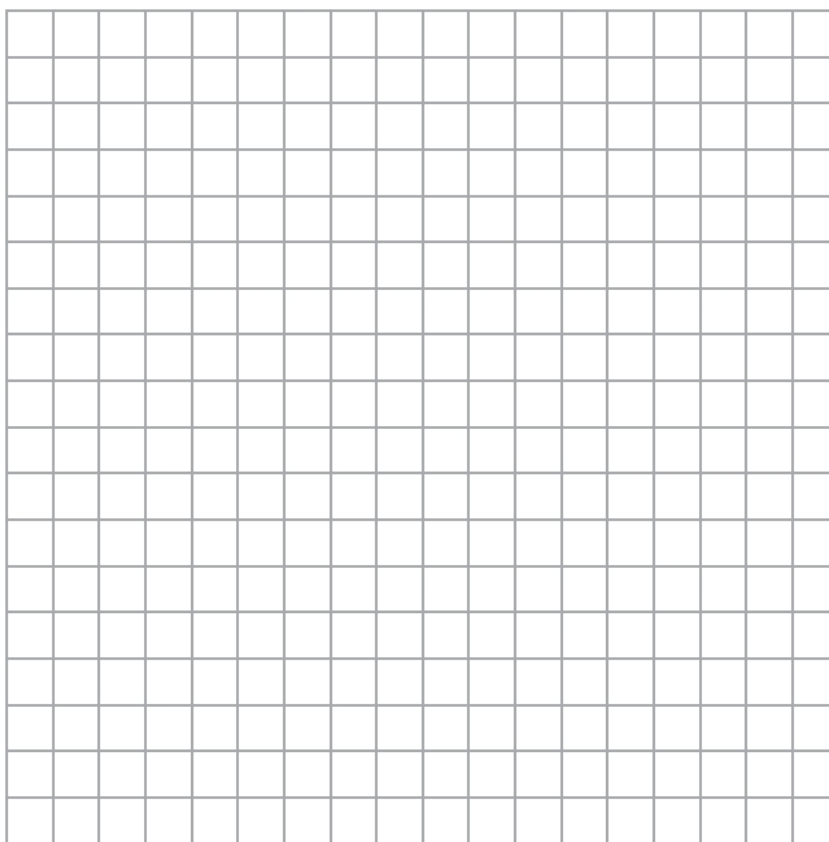
(4 marks)

The table shows information about the numbers of cars sold in Tyler's garage and in Fletcher's garage for each of four months.

	Jan	Feb	Mar	Apr
Tyler	20	16	36	20
Fletcher	22	16	32	24

Viv wants to compare this information.

On the grid, draw a suitable diagram or chart.

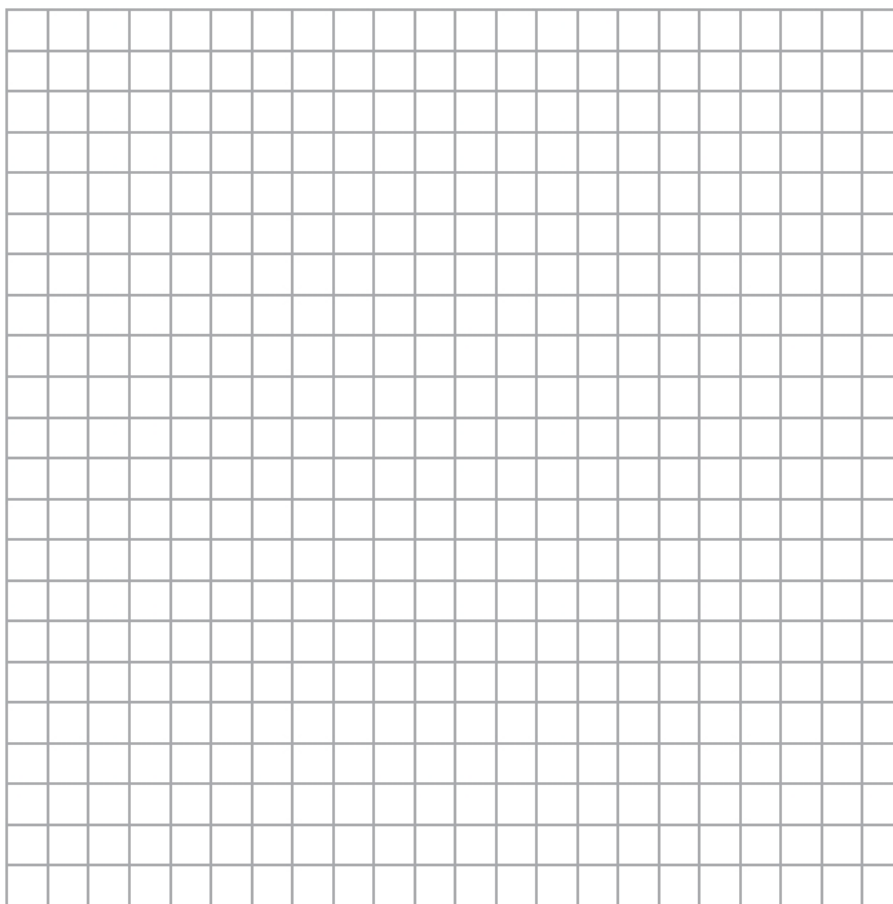


(4 marks)

The table shows the temperatures, in $^{\circ}\text{C}$, in Paris and in Nice on four days.

	Monday	Tuesday	Wednesday	Thursday
Temperature in Paris ($^{\circ}\text{C}$)	14	15	17	15
Temperature in Nice ($^{\circ}\text{C}$)	21	20	20	19

(a) Show this information in a suitable diagram.



(4)

(b) Compare the temperatures in Paris and in Nice for the four days.

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(1)

(5 marks)