

Categorical, ordinal and bivariate data

Variant 2

Instructions

- Write all answers in the spaces provided.
- Answer all questions.
- You must show all your working.
- There may not be enough space to show all your working out.

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Advice

- You can get support for all these questions at our website: www.statsgcse.com
- This paper and more are available on our site with questions that change subtly after each attempt.
- Good luck!

- 1 Students are asked to rate their satisfaction with school from 1 (very dissatisfied) to 5 (very satisfied).
Select the type of data.

(1 mark)

Select **one** box.

Categorical

Ordinal

- 2 A fitness trainer plans to group clients by their weekly workout hours.
The tally chart below will be used.

Workout hours	Tally
1 - 2	
2 - 3	
3 - 4	

Suggest two criticisms with this tally chart.

(2 marks)

Select **two** boxes.

There are too many groups

Cannot record workout hours under 1

The trainer should also record type of exercise

The groups overlap

- 3 A teacher wants to examine how study habits relate to performance.
Give an example of bivariate data that could be collected.

(2 marks)

Select the **two** correct statements (**four** statements are incorrect).

- Minutes spent revising
- and student height
- Class name
- and test score
- and hair colour
- Student age