

Interpretation of Data – GCSE Statistics**1. No.2**

Which of these is qualitative data about a horse?

Circle your answer.

[1 mark]

The length of the horse's face

The age of the horse

The mass of the horse

The colour of the horse

2. No.11

Lauren plays online games with 6 friends.

She likes to pick at random which friend she invites to join the game first.

Explain how Lauren could use a single dice to pick one of these friends at random.

[3 marks]

3. No.3

Which of these data lists

is bi-modal

and

has the mean double the median?

Circle the letter of your answer.

[1 mark]

A	4	4	6	6	30
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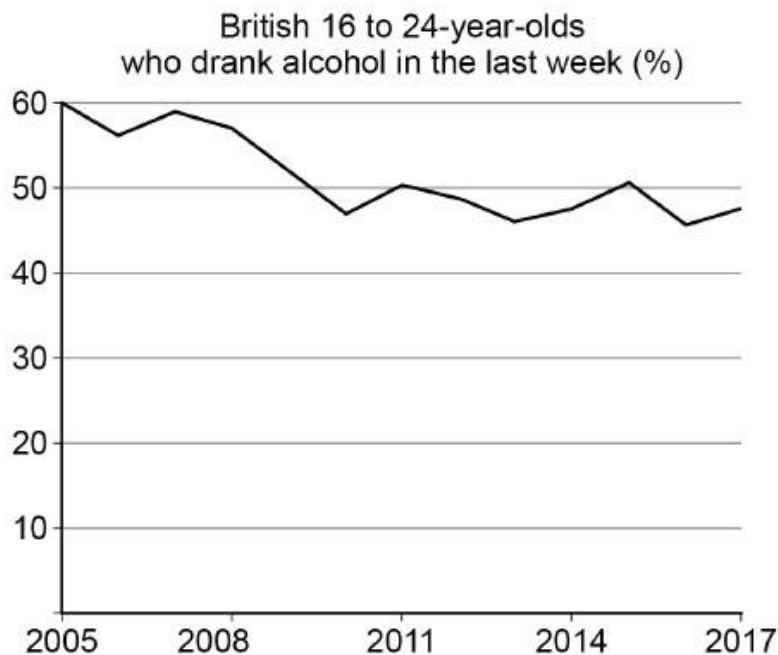
B	2	4	6	6	42
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C	0	6	6	24	24
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D	0	0	6	6	38
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4. No.4

This graph was seen on the BBC News App.



Source: ONS

Circle the letter of the statement for the graph which is **definitely** true.

[1 mark]

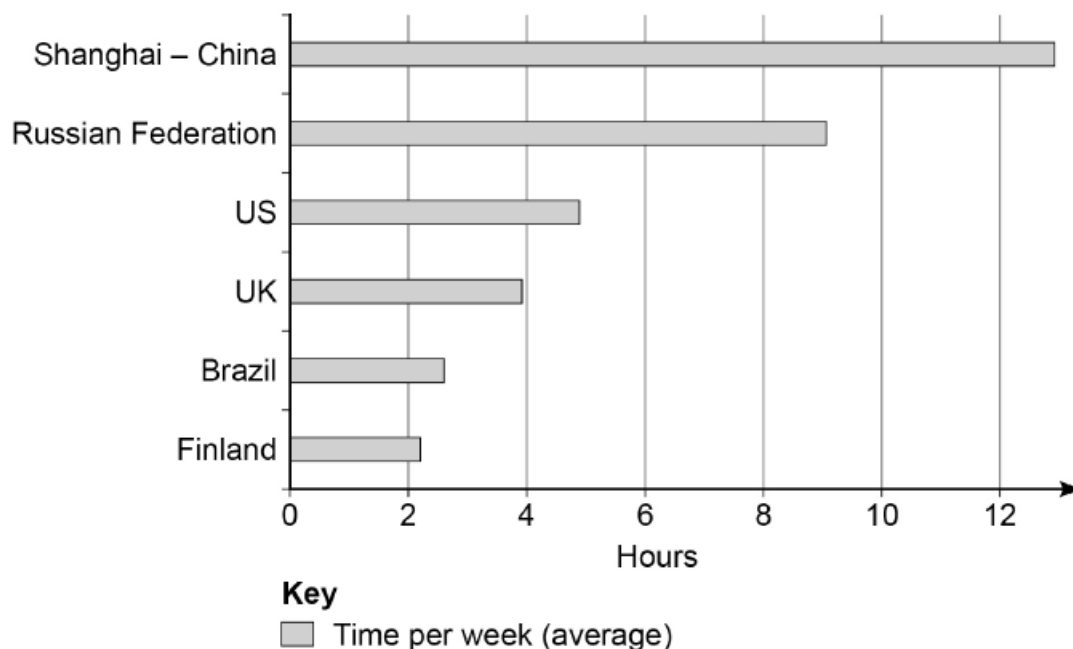
- A 2005 had the highest % of 16 to 24-year-olds drinking since 2000.
- B The % of 16 to 24-year-olds drinking has fallen every year from 2005.
- C Most 16 to 24-year-olds in 2017 did not drink alcohol in the last week.
- D Most 16 to 24-year-olds in 2017 do not drink alcohol at all.

5. No.6(f)

- (f) Tom wonders how this compares with other schools in the UK and schools in other countries.

He finds this chart on the internet but it has no source.

How much time do 15-year-olds spend on homework?



Use the chart to compare Tom's Year 11 results of an average of 8 hours homework per week with those for other schools in the UK and with other countries.

[2 marks]

Tom's school and other UK schools _____

Tom's school and schools in other countries _____

6. No.8

Quin is organising a 'Dungeons and Dragons' gaming session for 36 players.

He needs to sort the players, at random, into 3 equal-sized groups.

Explain in detail how Quin could use dice to sort the players at random.

[3 marks]
