Categorical/count data

6 practice questions

1. Is favourite sandwich filling categorical data or count data?

The answer names a filling, such as cheese.

Answer: Categorical data.

2. Is the number of people in a family categorical data or count data?

The answer counts people.

Answer: Count data.

3. Write one possible answer to “How many pets live in your home?”

An answer must be a whole-number count of pets.

Answer: For example, 2. Zero or another whole-number count is also possible.

4. Write one possible answer to “How do you usually travel to school?”

The answer names a way of travelling.

Answer: For example, walking. Car, bus or another clearly named way is also possible.

5. Can 0 answer “How many books did you borrow?” Explain.

Zero records an actual count rather than a missing answer.

Answer: Yes. It means no books were borrowed.

6. A bus is labelled 12. Does 12 tell how many children are inside? Explain.

A label does not count the passengers.

Answer: No. It is a route number or another bus identifier, not a passenger count.