

Name: _____

Writing Statistical Questions:

Quantitative vs. Qualitative

Quantitative data is measurable and described using numbers, e.g., hair length.

Qualitative data is categorical and described using words, e.g., hair texture.

For each topic, write two statistical questions: one that generates qualitative data and one that generates quantitative data.

1. weather **quantitative:** _____

qualitative: _____

2. cars **quantitative:** _____



4. food **quantitative:** _____

qualitative: _____

5. movies **quantitative:** _____

qualitative: _____

6. stores **quantitative:** _____

qualitative: _____

ANSWER KEY

Writing Statistical Questions: Quantitative vs. Qualitative

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For each topic, write two statistical questions: one that generates qualitative data and one that generates quantitative data.

Answers will vary but must be designed to

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generate numeric answers.

qualitative: Answers will vary but must be designed to
generate categorical answers.