

Statistical Questions Worksheets

For each of the following, determine whether or not the question is a statistical question. Give a reason for your answer.

- a) Who is my favorite movie star?

This is not a statistical question because it is not answered by collecting data that vary.

- b) What are the favorite colors of sixth graders in my school?

This is a statistical question because to answer this question, you would collect data by asking students about their favorite colors, and there would be variability in the data. The favorite color would not be the same for every student.

- c) How many years have students in my school's band or orchestra played an instrument?

This is a statistical question because to answer this question, you would collect data by asking students in the band about how many years they have played an instrument, and there would be variability in the data. The number of years would not be the same for every student.

- d) What is the favorite subject of sixth graders at my school?

This is a statistical question because to answer this question, you would collect data by asking students about their favorite subjects, and there would be variability in the data. The favorite subject would not be the same for every student.

- e) How many brothers and sisters does my best friend have?

This is not a statistical question because it is not answered by collecting data that vary.

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