

Statistical Questions Worksheets

For each of the following, determine whether the question is a statistical question. Give a reason for your answer.

- a) How many letters are in my last name?

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

- b) How many letters are in the last names of the students in my sixth-grade class?

This is a statistical question because it would be answered by collecting data on name lengths, and there is variability in the lengths of the last names.

- c) What are the colors of the shoes worn by students in my school?

This is a statistical question because it would be answered by collecting data on shoe colors, and we expect variability in the colors.

- d) What is the maximum number of feet that roller coasters drop during a ride?

This is a statistical question because it would be answered by collecting data on the drop of roller coasters, and we expect variability in how many feet different roller coasters drop. They will not all be the same.

- e) What are the heart rates of students in a sixth-grade class?

This is a statistical question because it would be answered by collecting data on heart rates, and we expect variability. Not all sixth graders have exactly the same heart rate.

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