

Introduction to Statistics:

Statistics: the science of collecting, organizing, analyzing, and interpreting data.

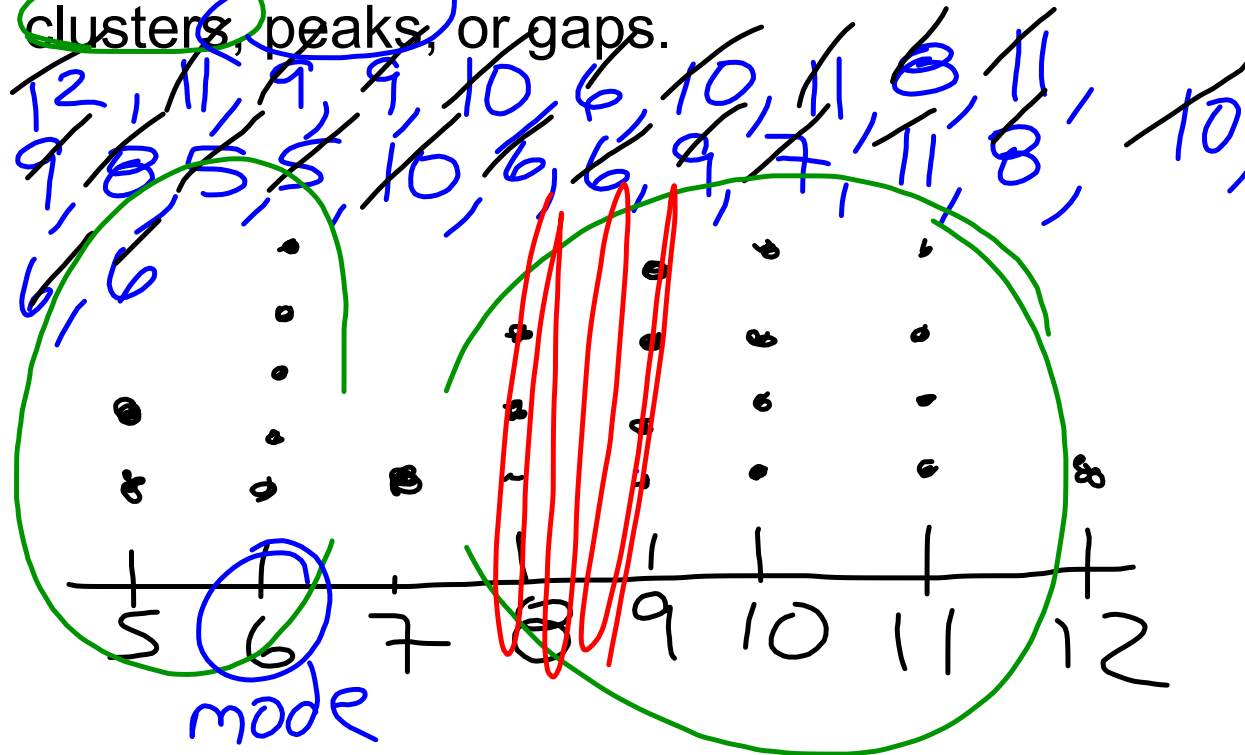
Statistical Question: a question where you expect to find a variety of answers, and are interested in the distribution and tendency of those answers.

Survey Question: a question where you expect to find one value.

Example:

What is the shoe size of high school students?

b) Display data in a dot plot. Identify any clusters, peaks, or gaps.



Example:

What is the shoe size of high school students?

a) Is this a statistical question?

yes, because we expect
a variety of answers.

Example:

What is the shoe size of high school students?

c) Use the distribution to answer the question.

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