Recognizing Statistical Questions

A **statistical question** is a question that can be answered by collecting data. Since responses will typically vary, you would expect more than one answer to a statistical question.

Example	Non-example
How tall are the students in Mr. Navarro's class?	**How tall is Mr. Navarro?**
The heights of students in Mr. Navarro's class vary. This is a statistical question because the answer is a collection of heights.	*Mr. Navarro's height does not vary. This is not a statistical question because the answer is one number.*

Determine whether each question is a statistical question. Explain how you know.

1 How many hurricanes were there last year? _____

2 How many pages are in the books you typically read? _____

3 For how many years do hamsters usually live? _____

4 How many feet are in one mile? _____

5 How many apples did Tiana pick at the farm yesterday? _____

6 How much do tomatoes normally weigh? _____

7 How many countries are there in the world today? _____

8 How many siblings do the students in Mr. Meyer's class have? _____

9 How many items did customers buy at Ali's Grocery on Friday? _____

10 How many chapters are in *Charlotte's Web*? _____

Be creative! Write your own statistical question. Explain how you know it is a statistical question.

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