

Lesson 15-1: Statistical Questions

A **statistical question** is a question that investigates an aspect of the world and can have more than one possible response.

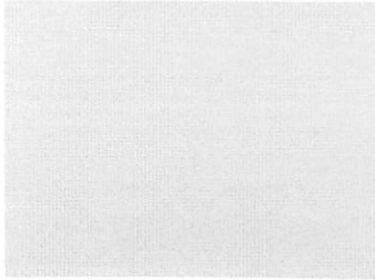
Statistical Questions	Answer
How old are students in my class?	
How do my friends get to school?	

Questions That are Not Statistical	Answer
How old am I?	
How did I get to school today?	

Example

Which questions are statistical? Which are not? Why?

Statistical



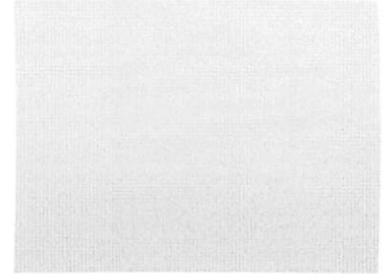
Do shoppers in my town use paper bags or plastic bags?

How many computers does my school have?

How much do drivers spend on gasoline per month?

How many plastic bottles did I use last month?

Not Statistical



Got It?

Which questions are statistical questions?

- I. How much time did students spend on the computer yesterday?
- II. What kind of calculator do I have?
- III. How many emails will I get each day for the next week?

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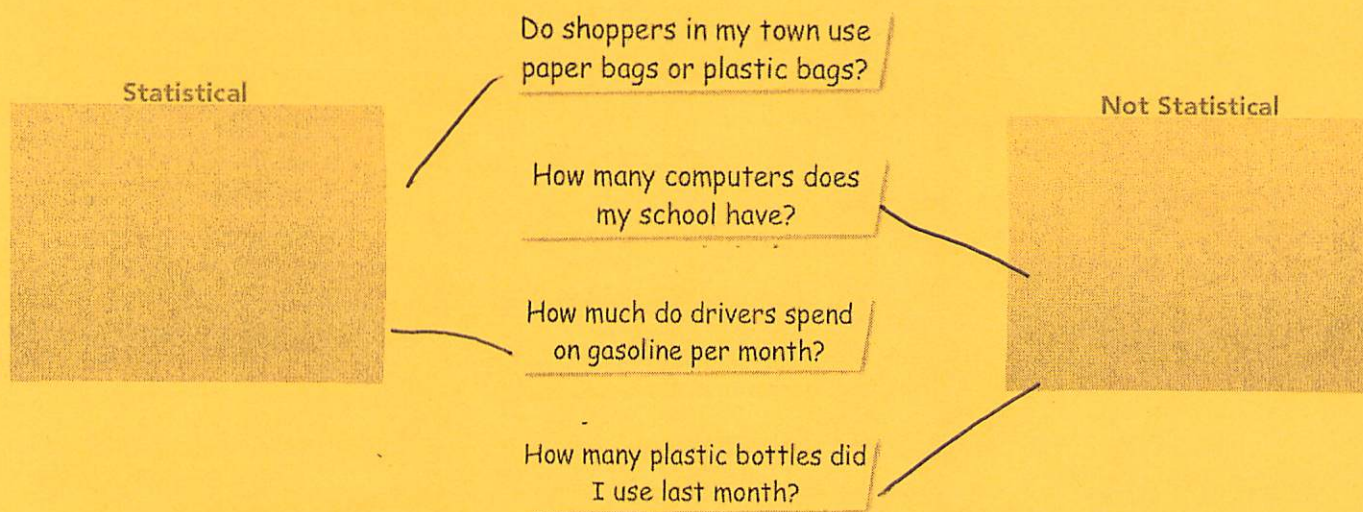
A **statistical question** is a question that investigates an aspect of the world and can have more than one possible response.

Statistical Questions	Answer
How old are students in my class?	10, 11, 12
How do my friends get to school?	bus, parents, walk

Questions That are Not Statistical	Answer
How old am I?	12
How did I get to school today?	parents

Example

Which questions are statistical? Which are not? Why?



Got It?

Which questions are statistical questions?

- I. How much time did students spend on the computer yesterday? Asked to multiple students with multiple answers
- II. What kind of calculator do I have? 1 Answer
- III. How many emails will I get each day for the next week? Asking 1 person but requiring several varied responses