

Cargo Cubes and Boats

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

Statistical Question:

STATISTICAL QUESTIONS		
Question	Yes/No	Reasoning
How many pets do you ^{6th graders} have?	Yes	Not everyone has the same # of pets.
Where did you ^{The teachers} go on vacation?	Yes	The teachers did not go to the same place.
How many feet are in a mile?	No	There is <u>only</u> 5280 ft in a mile.
Is social studies the best subject?	No	Not enough variety
How many teeth does <u>your</u> grandma have?	No	Grandma has the same # of teeth
How many U.S. presidents have been in office?	No	There has been <u>only</u> 45 presidents.
What is the daily temperature at noon in Houston?	Yes	The temp at noon would change throughout the year.

A statistical question is a question where you would not expect get a single answer. You would expect to get a variety of answers.

Statistical Question for Cargo Cubes and Boats:

Collecting Data Trial #1: Group Data

Group Members (Names)	Number of Cargo Cubes