

Statistical Questions

Objective: To learn what a statistical question is and how to ask good questions.





Vocabulary

Statistics - An area of mathematics dedicated to gathering and interpreting data

Population - The entire group of people or objects that is being questioned or studied

Sample - A smaller part of the entire population that is chosen to be studied to save time and resources (must represent the population)



Statistical Questions

Questions and answers that have variability **(more than one answer)**

If the question has one answer, the question is NOT statistical



Statistical or Not Statistical Question

1) How old are you?

Not statistical - The question is referring to one person, so there is one answer

2) How old are the students at GMS?

statistical - The question is referring to all of the students at GMS

3) What were the grades on last week's quiz?

statistical - The question is referring to all of the quiz grades

4) What was the highest grade on the quiz?

Not statistical - The question is referring to one grade

5) How many students are in your math class?

Not statistical - The question is referring to one answer