

Lesson 9-8: Statistical Questions

SWBAT: Identify a statistical question and recognize and remove bias from the question

Statistical Question:

In order to gather data in a survey, you need to ask appropriate questions. A question you expect to get a _____ of answers from (more than _____!)

- A question with one answer is not a statistical question.

Tell whether these are statistical questions:

- a. How many students are taller than 6ft?

- b. What shoe size do you wear?

Identifying Bias:

- Biased questions _____

Ex:

Would you prefer to vacation in beautiful, sunny bermuda or cold and dreary iceland?

Would you prefer to vacation in overcrowded, scorching bermuda or exotic and adventurous iceland?

- Which words could be biased words?
- How can you rewrite the question without bias?

Tell if each question has bias and identify it:

- a. How many hours a night do you watch tv?

- b. Do you prefer to watch football or exciting, fast moving hockey?

- c. Do you agree with most people that....