

Name: _____

Statistical Questions

Guided Notes

Statistics:

- _____ - facts and statistics collected together for reference or analysis
- A _____ question is a question where you do not expect to get a single answer
- A statistical question leads to a _____ of correct answers
- A non-statistical question is a question where you expect to get a _____ answer
 - Non-statistical questions only have one _____ answer

Examples of Statistical Questions (when sample size is more than one):

Examples of Non-Statistical Questions:

Name: Key

Statistical Questions

Guided Notes

Statistics:

The science of collecting, organizing, analyzing, and interpreting data

- Data: facts and statistics collected together for reference or analysis
- A statistical question is a question where you do not expect to get a single answer
- A statistical question leads to a variety of correct answers
- A non-statistical question is a question where you expect to get a single answer
 - Non-statistical questions only have one correct answer

Examples of Statistical Questions (when sample size is more than one):

*****Answers can vary. Get your students involved to help you talk through different questions and if they are statistical or non-statistical.*****

- **What is your favorite thing to do on the weekend?**
- **How many pets does each sixth grader at our school have?**
- **What is your favorite book?**
- **Which state was each student at the school born in?**
- **When do you go to bed?**

Examples of Non-Statistical Questions:

*****Answers can vary. Get your students involved to help you talk through different questions and if they are statistical or non-statistical.*****

- **How many students are enrolled in this class?**
- **Who is the current president?**
- **How many pennies make a dollar?**
- **What country has the highest population?**
- **Who sold the most candy bars for the school fundraiser?**

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