Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_

Lesson #1 – Statistical Questions HW

1. **Which is a statistical question?**
   1. You ask a friend, “When is your birthday?”
   2. You ask several people, “In what year were you born?”
   3. You ask all of your friends, “What year is this?”
   4. You ask a parent, “What time is it?”
2. **Which is NOT a statistical question?**
   1. You ask a friend, “What movie do you want to see?”
   2. You ask your friends, “Did you see the latest Transformers movie?”
   3. You ask many of your classmates, “Which Harry Potter movie did you like best?”
   4. You ask several people, “What did you think of the movie you just saw?”

**Directions: Determine whether each question is statistical or non-statistical. Write S for statistical, and N for non-statistical on the line provided**

1. \_\_\_\_\_\_ - Fifty people at a bookstore are asked, “What is your favorite type of book?”
2. \_\_\_\_\_\_ - Ten people watching a football game are asked, “How long is a football field?”
3. \_\_\_\_\_\_ - Several 6th graders are asked, “What time do you usually get up in the morning?”
4. \_\_\_\_\_\_ - Several people at a shopping center are asked, “How often does your family go food shopping?
5. \_\_\_\_\_\_ - Several 5th graders are asked, “What is the capital of the United States?”
6. \_\_\_\_\_\_ -Some teachers in a school district are asked, “How many school days are in the school year?”
7. \_\_\_\_\_\_ - A student asks all of his classmates, “How often do you exercise?”
8. \_\_\_\_\_\_ - Customer asks sales associate, “What is the difference between a smartphone or a cell phone?”
9. \_\_\_\_\_\_ -A doctor asks all of his patients, “How often do you exercise?”

**Directions: Explain why the question below is a statistical question.**

1. A person asks many people leaving a shopping center, “How much did you spend at the shopping center today?

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1. List 5 statistical questions that you can ask the people in your household.

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