Common Core Math 1 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

One-Variable Data Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Homework: Introduction to Statistics

**1.** Determine whether the following data is **categorical (C)** or **quantitative (Q)**

**a.** The candidate a survey respondent will support in an upcoming election.

**b.** The number of televisions in a household.

**c.** The distance kickers for a football team can kick a football.

**d.** The kind of tree in each person’s front yard in a neighborhood.

**e.** The type of blood a person has.

**2.** A math student is interested in figuring out the average price of vehicles at Glentown High School. She takes a sample of 50 cars in the school’s parking lot and finds the average value to be $13, 400.

**a.** What is the population?

**b.** What are the elements?

**c.** What data is being collected? (Include units if applicable)

**d.** What type of data is it (categorical or quantitative)? How do you know?

**3.** Describe that data in terms of center, spread, shape, and outliers. State all in terms of the context.



**a.**  **b.**

Center: Center:

Shape: Shape:

Spread: Spread:

Outliers: Outliers: