**Part 1. For each of the following, determine whether the question is a statistical question. Give a reason for your answer.**

a. How many letters are in my last name?

b. How many letters are in the last names of the students in my sixth-grade class?

c. What are the colors of the shoes worn by students in my school?

d. What is the maximum number of feet that roller coasters drop during a ride?

e. What are the heart rates of students in a sixth-grade class?

**Part 2. Identify each of the following data sets as Qualitative or Quantitative data. Explain your answer.**

a. Arm spans of 12 sixth graders

b. Number of languages spoken by each of 20 adults

c. Favorite sport of each person in a group of 20 adults

d. Number of pets for each of 40 third graders

e. Number of hours a week spent reading a book for a group of middle school students

**Part 3. Rewrite each of the following questions as a statistical question.**

a. How many pets does your teacher have?

b. How many points did the high school soccer team score in its last game?

c. How many pages are in our math book?

d. Can I do a handstand?