Notes 1.2 Data Classification

1. What are the two ways you can classify data?

2. List the two types of data sets. Give a brief description of each one.

3. Try It Yourself 1

a.

b.

4. Discrete variables vs continuous variables.

Practice:

I. Classify each variable as qualitative or quantitative.

a. Number of bicycles sold in 1 year by a large sporting goods store.
b. Colors of baseball caps in a store.
c. Time it takes to cut a lawn.
d. Capacity in cubic feet of six truck beds.
e. Classification of children in a day-care center (infant, toddler, preschool).
f. Weights of fish caught in Lake Lanier.
g. Marital status of faculty members in a large university.
h. Grade level in school.

II. Classify each variable as discrete or continuous.

a. Number of doughnuts sold each day by Dunkin Donuts.
b. Water temperatures of six swimming pools in Atlanta on a given day.
c. Weights of cats in a pet shelter.
d. Lifetime (in hours) of 12 flashlight batteries.
e. Number of cheeseburgers sold each day in the cafeteria.
f. Capacity (in gallons) of six reservoirs in Jefferson County.

Assignment: pgs 12 – 13/ For problems 7 – 19, decide if the data is qualitative or quantitative. If it is quantitative, decide if it is discrete or continuous.