Name_____ Date _____

Describe the relationship you would expect between the data. Explain.

1. age of the automobile and the odometer reading

2. time spent fishing and the amount of bait in the bucket

3. number of passengers in a car and the number of traffic lights on the route

4. The table shows the heights (in feet) of the waves at a beach and the numbers of surfers at the beach.
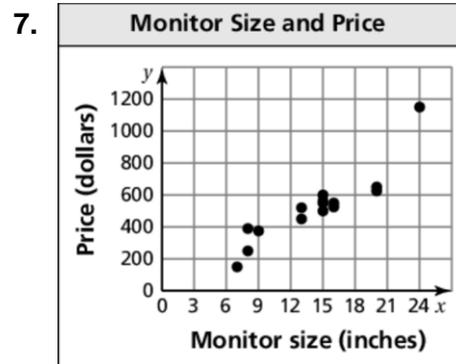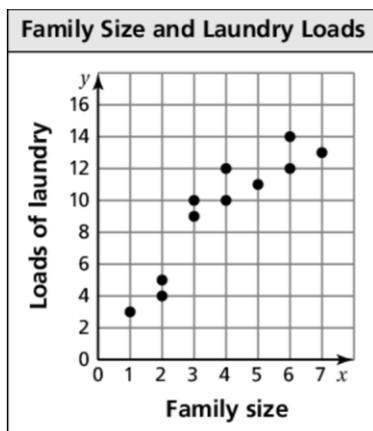
Wave Height	3	6	5	1
Number of Surfers	24	61	56	15

   a. Write the ordered pairs from the table and plot them in a coordinate plane.

   b. Describe the relationship between the two data sets.

5. The scatter plot shows the numbers of lawns mowed by a local lawn care business during one week.
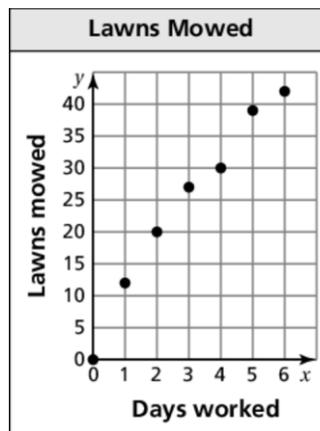
   a. How many days does it take to mow 30 lawns?

   b. About how many lawns can be mowed in 1 day?

   c. Describe the relationship shown by the data.

Lawns Mowed

Describe the relationship between the data. Identify any outliers, gaps, or clusters.

Family Size and Laundry Loads

7.

Monitor Size and Price

9.1 Practice B

1. The table shows the numbers of students remaining on an after-school bus and the numbers of minutes since leaving the school.

Number of students	56	45	39	24	17	6	0
Minutes	0	5	9	15	23	26	32

   a. Write the ordered pairs from the table and plot them in a coordinate plane.

   b. Describe the relationship between the two data sets.

2. The scatter plot shows the numbers of bushels filled and the numbers of apples picked.

   a. How many bushels are needed for 350 apples?

   b. About how many apples can be placed in 8 bushels?

   c. Describe the relationship shown by the data.
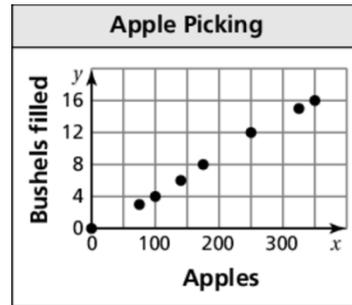
3. Describe a set of real-life data that has a positive linear relationship.

4. The scatter plot shows the numbers of yard sales in your neighborhood each month for a year.

   a. How many yard sales are during the month of February? June?

   b. During which month(s) are there no yard sales?

   c. What type of relationship do the data show?

   d. What type of climate might this neighborhood have?

   e. Identify any outliers, gaps, or clusters and explain why they might exist.