9.1 Practice A

Describe the relationship (positive, negative, or none) you would expect between the data. Explain.

1. age of the automobile and the odometer* reading

* if you don’t know what an odometer is, ask an adult or google it.

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.

<table>
<thead>
<tr>
<th>Wave Height</th>
<th>3</th>
<th>6</th>
<th>5</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Surfers</td>
<td>24</td>
<td>61</td>
<td>56</td>
<td>15</td>
</tr>
</tbody>
</table>

a. Write the ordered pairs from the table and plot them in a coordinate plane. Don’t forget to label your axes.

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.

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

6. Family Size and Laundry Loads

7. Monitor Size and Price