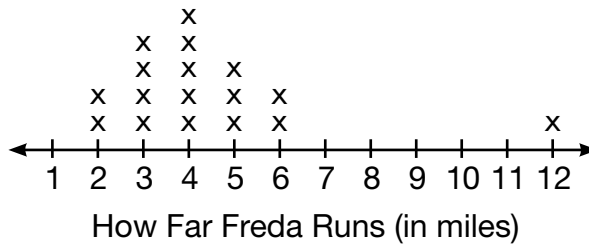


Line Plots

The table below gives the number of miles Freda ran over a period of days. A line plot shows data along a number line. Each X represents one number in the data set.

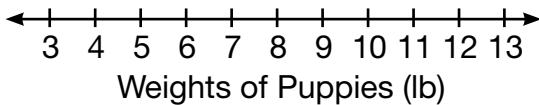
| Miles Run | Day |
|-----------|-----|
| 2 | 2 |
| 3 | 4 |
| 4 | 5 |
| 5 | 3 |
| 6 | 2 |
| 12 | 1 |



On the line plot each X represents 1 day. An outlier is a number in a data set that is very different from the rest of the numbers.

1. Is there an outlier in the data set above? Explain.

2. Complete the line plot to show the data in the table for puppies' weights at birth. Identify the outlier in the data set.



| Weight (lb) | Number of Puppies |
|-------------|-------------------|
| 3 | 5 |
| 4 | 3 |
| 5 | 2 |
| 6 | 0 |
| 7 | 1 |
| 13 | 1 |