

1. The data set {13, 24, 14, 15, 14} gives the times of Tara's one-way ride to school (in minutes) for one week. Is the average (mean) of the times a good description of Tara's ride time? Explain.

For 2-4, find the mean, median, and mode for each set of data.

2. The numbers of hours Cheri works each day are 3, 7, 4, 6, and 5.
3. The weights in pounds of 6 members of a basketball team are 125, 136, 150, 119, 150, and 143.
4. 36, 18, 12, 10, 9

5. Create a dot plot for Team A and Team B. Tell whether the data is skewed right, skewed left, or symmetric for each.

Sports The data table shows the number of miles run by members of two teams running a marathon.

Miles	5	10	15	20	25
Members of Team A	3	5	10	5	3
Members of Team B	6	10	4	1	5

Team A

Team B



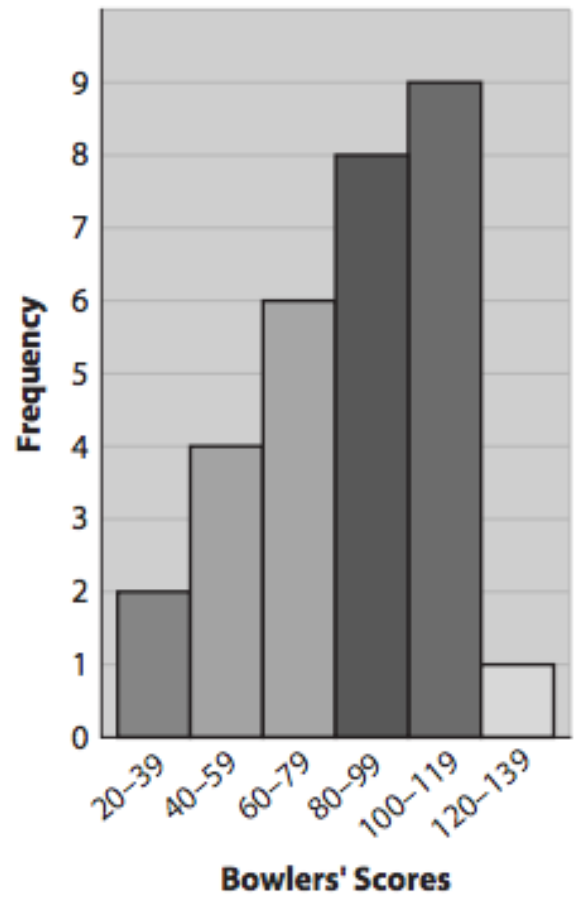
Miles



Miles

Use the histogram for 6-9.

6. What does each axis indicate?
7. How is the horizontal axis organized?
8. How many bowlers competed?
9. Describe the general shape of the distribution.
(skewed left, skewed right, or symmetric?)



Construct two box plots, one for each data set. Compare the medians and measures of variation for each distribution.

- 10.** The net worth of the 10 richest people in the world for 2012 and 2013 (in billions) are:
2012: 69, 61, 44, 41, 37.5, 36, 30, 26, 25.5, 25.4 **2013:** 73, 67, 57, 53.5, 43, 34, 34, 31, 30, 29

