

LESSON
9-1

Measures of Center and Spread

Practice and Problem Solving: A/B

Find the mean, median, and range for each data set.

1. 18, 24, 26, 30

Mean: _____

Median: _____

Range: _____

2. 5, 5, 9, 11, 13

Mean: _____

Median: _____

Range: _____

3. 72, 91, 93, 89, 77, 82

Mean: _____

Median: _____

Range: _____

4. 1.2, 0.4, 1.2, 2.4, 1.7, 1.6, 0.9, 1.0

Mean: _____

Median: _____

Range: _____

The data sets below show the ages of the members of two clubs. Use the data for 5–9.

Club A: 42, 38, 40, 34, 35, 48, 38, 45

Club B: 22, 44, 43, 63, 22, 27, 58, 65

5. Find the mean, median, range, and interquartile range for Club A.

6. Find the mean, median, range, and interquartile range for Club B.

7. Find the standard deviation for each club. Round to the nearest tenth.

8. Use your statistics to compare the ages and the spread of ages on the two clubs.

9. Members of Club A claim that they have the “younger” club. Members of Club B make the same claim. Explain how that could happen.
