Answers

Find the Range

Think and Grow

Example   28, 30, 33, 36, 36, 37, 40, 45, 48, 50; 28, 50; 50, 28, 22; 22, 22

Show and Grow

1. 6; The ages of kids at the park vary by no more than 6 years.

2. 201; The concert ticket prices vary by no more than $201.

3. 2.5; The 100-yard dash times vary by no more than 2.5 seconds.

Practice

4. 220; The number of pages in the novels vary by no more than 220 pages.

5. 4.4; The puppy weights vary by no more than 4.4 pounds.

6. 6; The student heights vary by no more than 6 inches.

7. 9; The number of parks in a city vary by no more than 9 parks.

8. 89, 91, 97, 22   9. 5.0, 5.8, no mode, 6.4

10. range; Mean, median, and mode are all measures of center, but range is a measure of variation.

11. *Sample answer:* 31, 19, 25, 29, 21, 27, 23

12. Team A: 23, 21; Team B: 23, 35; The means are the same, so both teams scored about 23 points each game. The range of points scored by Team B is greater than the range for Team A, so the points scored each game by Team B are more spread out.