## Lesson 9-6

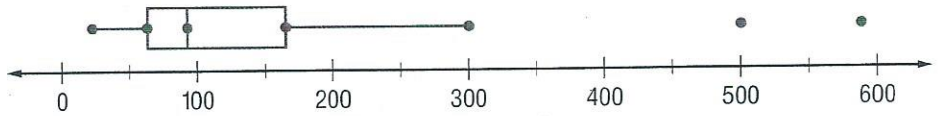
Pages 497–502

**Draw a box-and-whisker plot for each set of data.**

1. 2, 3, 5, 4, 3, 3, 2, 5, 6
2. 6, 7, 9, 10, 11, 11, 13, 14, 12, 11, 12
3. 15, 12, 21, 18, 25, 11, 17, 19, 20
4. 2, 24, 6, 13, 8, 6, 11, 4
5. 22, 18, 9, 26, 14, 15, 6, 19, 28
6. 46, 45, 50, 40, 49, 42, 64
7. 80, 91, 82, 83, 77, 79, 78, 75, 75, 88, 84, 82, 61, 93, 88, 85, 84, 89, 62, 79
8. 195, 121, 135, 123, 138, 150, 122, 138, 149, 124, 149, 151, 152

**ZOOS For Exercises 9 and 10, use the following box-and-whisker plot.**

**Area (acres) of Major Zoos in the United States**




**Source:** *The World Almanac*

9. How many outliers are in the data?
10. Describe the distribution of the data. What can you say about the areas of the major zoos in the United States?

## Lesson 9-7

Pages 504–508

**Select an appropriate type of display for each situation.**

1. number of televisions in homes compared to the total number of homes in the survey
2. ages by intervals of amusement park attendees in marketing information for the park
3. average proficiency test score for five consecutive years
4. a child's age and his or her height
5. the number of students who have read each of three popular books

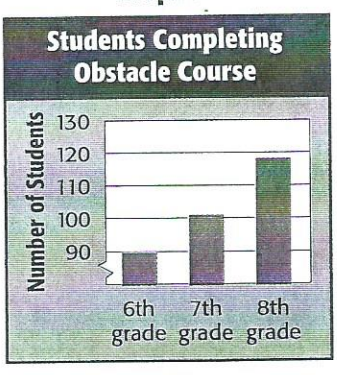
## Lesson 9-8

Pages 509–515

**FITNESS For Exercises 1 and 2, use the graphs.**

1. Do both graphs contain the same information? Explain.
2. Which graph would you use to indicate that many more eighth graders finished the obstacle course than sixth or seventh graders? Explain.

**Graph A**




**Graph B**