

LESSON
3.1

Name _____ Date _____

Practice B

For use with pages 101–105

1. Identify which of the following values is the mean of the data.

Data: 14, 15, 24, 18, 14, 17

- A. 14 B. 15 C. 16 D. 17

Find the mean, median, mode(s), and range of the data.

2. 12, 25, 23, 17, 23 3. 7, 3, 9, 2, 7, 2
4. 22, 36, 9, 27, 30, 20 5. 113, 249, 312, 113, 113
6. 1, 1, 7, 3, 2, 2, 3, 5 7. 24, 3, 18, 90, 30, 13, 18

Find the value of x that makes the median the given number.

8. 2, 5, 4, 9, 7, x ; median = 5 9. 32, 23, 15, 30, 12, x ; median = 25

Find the value of y that makes the mean the given number.

10. 7, 8, 2, 5, y ; mean = 5 11. 6, 1, 7, 4, 1, 0, y ; mean = 3

The recorded high temperatures, in degrees Fahrenheit, for a city during a week in June are listed below.

77, 76, 71, 70, 69, 70, 71

12. Find the mean, median, mode(s), and range.
13. Which average(s) best represent(s) the temperatures?
Explain your reasoning.

The number of home runs per season for a baseball player for nine seasons are listed below.

7, 20, 25, 38, 40, 30, 33, 37, 49

14. Find the mean, median, mode(s), and range.
15. What happens to the mean of the home run data if the number of home runs for the first season is ignored?
16. The table shows the winning times for the men's 200-meter run in the Summer Olympics for selected years. Find the mean, median, mode(s), and range.

Year	1900	1904	1908	1912	1920	1924
Time (in seconds)	22.2	21.6	22.6	21.7	22.0	21.6

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