

NAME _____

DATE _____

Module 19 Analyzing Data and Statistics
Lesson 1 Finding Mean, Median, and Mode



**additional
practice**

Find the mean, median, and mode of the data sets. Round answers to the nearest hundredth.

1. 4, 6, 7, 7, 7, 12, 15

2. 12, 52, 35, 52, 39, 12, 66, 52

3. 65, 89, 75, 43, 99, 100, 34, 77, 88, 89, 99, 95, 92, 80, 56, 68, 85

4. 15, 18, 16, 14, 13, 10, 19, 11, 12, 17

5. 8, 8, 8, 8

6. 64, 66, 68, 66, 78, 66, 79, 70, 62

7. $\frac{2}{3}, \frac{1}{3}, \frac{1}{2}, \frac{2}{3}, \frac{1}{4}$

8. 7.1, 6.6, 12.2, 5.4, 18.6, 5.8, 9.2, 6.9, 4.4, 7.3

9. $2\frac{3}{5}, 10\frac{1}{3}, 5\frac{3}{4}, 1\frac{4}{5}, 2\frac{3}{5}, 5\frac{3}{4}$

Use this set of data to answer Problems 10–13.

Frequency in percentages of the 15 most commonly found last names in the U.S.:

1.01, 0.81, 0.70, 0.62, 0.62, 0.48, 0.42, 0.34, 0.31, 0.31, 0.31, 0.31, 0.31, 0.28, 0.28

10. Make a stem-and-leaf plot.

11. Find the mean. _____

12. Find the median. _____

13. Find the mode. _____

Use this set of data to answer Problems 14–16.

Top advertising categories for the year 2001 (in millions of dollars): 1,676; 1,096; 1,011; 966; 817; 759; 745; 694; 693; 560; 378; 307; 304; 293; 287; 284; 279; 268; 264; 264

14. Find the mean _____ 15. Find the median. _____
16. Find the mode. _____

Use this set of data to answer Problems 17–20. Round answers to the nearest thousandth.

Top 15 batting averages for the National League Baseball: 0.301, 0.370, 0.313, 0.305, 0.338, 0.308, 0.305, 0.336, 0.311, 0.307, 0.329, 0.308, 0.327, 0.314, 0.315

17. Make a stem-and-leaf plot. 18. Find the mean. _____

19. Find the median. _____ 20. Find the mode. _____

Use this set of data to answer Problems 21–24.

Grades in Mr. Lacy's history class: 96, 85, 73, 42, 90, 90, 73, 56, 86, 90

21. Make a stem-and-leaf plot. 22. Find the mean. _____

23. Find the median. _____ 24. Find the mode. _____