

NAME \_\_\_\_\_

DATE \_\_\_\_\_

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

**guided  
notes**

**Lesson Objectives**

- Find the mean, median, and mode of a set.
- Create a stem-and-leaf plot.
- Analyze a stem-and-leaf-plot.

The mean is the \_\_\_\_\_ of a set of values. That is, it is the sum of the values divided by the number of values.

The median is the \_\_\_\_\_ when the values are arranged in order.

The mode is the value that occurs \_\_\_\_\_.

In a stem-and-leaf plot, every digit except the last digit is arranged vertically in ascending order (top to bottom).

If there is an \_\_\_\_\_ number of values, the median is the \_\_\_\_\_ value after all the values have been arranged in order.

If there is an \_\_\_\_\_ number of values, find the \_\_\_\_\_ of the two middle values after all the values have been arranged in order.

In a data set, it is possible to have \_\_\_\_\_ mode, \_\_\_\_\_ mode, or \_\_\_\_\_ mode.

**Use the following data set for Problems 1 through 3.**

Neighbors' Pets  
 1, 8, 2, 5, 4

- 1 Find the mean. \_\_\_\_\_
- 2 Find the median. \_\_\_\_\_
- 3 Find the mode. \_\_\_\_\_

Use the following data set for Problem 4.

Newton's Times (in minutes)  
to Complete Obstacle Course  
31, 22, 15, 19, 17, 19, 20



Make a stem-and-leaf plot.

