

Name \_\_\_\_\_

# Median, Mode, and Range

1. Find the range of this data set: 225 342 288 552 263. \_\_\_\_\_
2. Find the median of this data set: 476 234 355 765 470. \_\_\_\_\_
3. Find the mode of this data set:  
16 7 8 5 16 7 8 4 7 8 16 7. \_\_\_\_\_
4. Find the range of this data set:  
64 76 46 88 88 43 99 50 55. \_\_\_\_\_
5. **Reasoning** Would the mode change if a 76 were added to the data in Exercise 4?  
\_\_\_\_\_  
\_\_\_\_\_

The table below gives the math test scores for Mrs. Jung's fifth-grade class.

76	54	92	88	76	88
75	93	92	68	88	76
76	88	80	70	88	72
<b>Test Scores</b>					

6. Find the mean of the data. \_\_\_\_\_
7. Find the mode of the data. \_\_\_\_\_
8. Find the median of the data. \_\_\_\_\_
9. What is the range of the data set? \_\_\_\_\_
10. Find the range of this data set: 247, 366, 785, 998.  
**A** 998                      **B** 781                      **C** 751                      **D** 538
11. **Explain It** Will a set of data always have a mode?  
Explain your answer.  
\_\_\_\_\_  
\_\_\_\_\_

Practice 18-8

# School Surveys

**Number Sense**

1. Angela surveyed the students in her school. Use her results below to find the median, mode, and the range for Angela's data.

Recreational Reading	Number of students
Comic book	10
Biography	6
Novel	13
How-to book	7
Mystery	9
Joke book	7

2. Daniel surveyed the students in his school. Use his results below to find the median, mode, and the range for Daniel's data.

Favorite Music	Number of students
Rock	17
Country	5
Rap	11
Classical	9
Jazz	12
New Age	5

3. If Daniel added Hip-Hop to his survey with 13 students selecting that category, how would his data change?

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