

Name \_\_\_\_\_

Date \_\_\_\_\_

1. 5, -12, 13, -11, -10, 0, 12, -11, 7

Mean	
Median	
Mode	
Range	

2. Wages per hour: \$6.25, \$8.00, \$9.50, \$7.35, \$8.65, \$11.65

Mean	
Median	
Mode	
Range	

3. Using the stem and leaf plot, find the following information.

Stem	Leaf
2	4 5
3	0 1 1 3 4 8
4	1 2 4 8 9
5	
6	7

$$2|4 = 24$$

Mean	
Median	
Mode	
Range	

1. On the first four tests, Mike scored 95%, 86%, 84% and 72%. What would Mike need to score on his fifth test to get an average of 80%?
2. A waiter receives the following total tips for the first six days of a week: \$45, \$20, \$80, \$72, \$60, \$32. How much money in tips would he need to get on the 7th day to get an average of \$50 per day?

**CHALLENGE** Find a data set of five numbers with the given characteristics.

**27.** Mean: 11  
Median: 12  
Mode: 17  
Range: 13

**28.** Mean: 16  
Median: 15  
Mode: 15  
Range: 22

**29.** Mean: 5  
Median: 1  
Mode:  $-4$   
Range: 26