





Measures of Center and Spread

Name: _____

MEAN • The sum of a set of numbers divided by the number of numbers in the set. 

• The middle number when data are arranged in numerical order. **MEDIAN** 

MODE • The number that occurs most often in a set of numbers. 

• The difference between the greatest and least numbers in a set of data. **RANGE** 

The following data represents the number of pets students have. Use this data to answer #s 1-6.

<u>Number of Pets</u>									
0	0	1	1	1	2	2	2	3	18

- 1) What is the mean of the data? _____
- 2) What is the median of the data? _____
- 3) What is the mode of the data? _____
- 4) What is the range of the data? _____

5) An **outlier** is a number that is much less than or much greater than the rest of the data. Is there an outlier in this data? If so, what is the outlier?

6) Which better describes the data, the median or the mean? Why? _____

Complete the following:

7) 6, 14, 15, 1

mean = _____

median = _____

mode = _____

range = _____

8) 1, 11, 21, 11, 1

mean = _____

median = _____

mode = _____

range = _____

9) 100, 90, 90, 60

mean = _____

median = _____

mode = _____

range = _____

