NAME _____

Lesson 6.3 Reviewing Measures of Center

The **mean** is the average of a set of numbers. It is found by adding the set of numbers and then dividing by the number of addends.

The **median** is the middle number of a set of numbers that is ordered from least to greatest. When there is an even amount of numbers, it is the mean of the two middle numbers.

The **mode** is the number that appears most often in a set of numbers. There is no mode if all numbers appear the same number of times.

The **range** is the difference between the greatest and least numbers in the set.

Find the mean, median, mode, and range of the following set of numbers.

34, 32, 39, 33, 37, 36, 39, 38

mean: $34 + 32 + 39 + 33 + 37 + 36 + 39 + 38 = \frac{288}{8} = 36$

Arrange the numbers from least to greatest to find median, mode, and range.

32, 33, 34, 36, 37, 38, 39, 39

median: $\frac{36 + 37}{2} = 36.5$ mode: 39 range: $39 - 32 = 7$

Find the mean, median, mode, and range of the following sets of numbers.

	a	b
1.	8, 6, 9, 11, 12, 4, 9, 10, 9, 2	40.7, 23.1, 18.5, 43.6, 52.1, 50.9, 44.8, 23.1
	mean: _____	mean: _____
	median: _____	median: _____
	mode: _____	mode: _____
	range: _____	range: _____
2.	152, 136, 171, 208, 193, 163, 124, 212, 216, 171	349, 562.5, 612, 349, 187, 612, 530, 716.5, 349, 902
	mean: _____	mean: _____
	median: _____	median: _____
	mode: _____	mode: _____
	range: _____	range: _____