Name_____

MEAN/MEDIAN/MODE/RANGE #1

Directions: Calculate the *mean, median, mode, and range* for each set of numbers below. To find the *mean* of a set of numbers, add all of the data together, then divide that sum by the amount of numbers in the set. To find the *median,* list the numbers from least to greatest and select the middle value. The *mode* is the number that appears most often in the set. There could be more than one mode, or there could be no mode. To find the *range*, take the largest value in the set minus the smallest value.

Example: Here are the numbers in the set (2, 2, 8, 10, 8)

Mean = (2 + 2 + 8 + 10 + 8) / 5 = 30/5 = **6**

Median = *(~~2~~,~~2~~,8,~~8~~,~~10~~)* = **8**

Mode = ***2 and 8***

Range = 10 – 2 = **8**

		MEAN	MEDIAN	MODE	RANGE
1)	(5, 2, 4, 6, 8,)	_____	_____	_____	_____
2)	(2, 1, 4, 6, 1, 4, 3)	_____	_____	_____	_____
3)	(12, 8, 10,)	_____	_____	_____	_____
4)	(6, 2, 5, 7, 5)	_____	_____	_____	_____
5)	(1, 2, 4, 6, 1, 6, 1)	_____	_____	_____	_____
6)	(12, 4, 6, 10, 8)	_____	_____	_____	_____
7)	(2, 6, 10, 4, 6, 10, 4)	_____	_____	_____	_____
8)	(9, 8, 10,)	_____	_____	_____	_____
9)	(6, 8, 5, 11, 5)	_____	_____	_____	_____
10)	(5, 1, 4, 6, 1, 2, 2)	_____	_____	_____	_____

EXTENSION: What would happen to the mean if you added "10" to each set? Would the mean increase or decrease? Would it increase/decrease for each set?