

Name _____

MEAN/MEDIAN/MODE/RANGE #6

Directions: Calculate the *mean*, *median*, *mode*, and *range* for each set of numbers below. Round all answers to the nearest tenth. To put the numbers in the correct order, you will have to add some zeroes as decimal place holders

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 (3.25, 3.1, 3.3, 4, 3.75)

$Mean = (3.25 + 3.1 + 3.3 + 4 + 3.75) / 5 = 17.4/5 = \mathbf{3.48 \text{ or } 3.5}$

$Mode = \mathbf{\text{No mode}}$

$Median = (\del{3.10}, \del{3.25}, 3.30, \del{3.75}, \del{4.00}) = \mathbf{3.30 \text{ or } 3.3}$

$Range = 4 - 3.1 = \mathbf{0.9}$

	<u>MEAN</u>	<u>MEDIAN</u>	<u>MODE</u>	<u>RANGE</u>
1) (5.2, 6.25, 4.75, 4.7, 8)	_____	_____	_____	_____
2) (3.5, 3.1, 3.1, 3.3, 3.6, 3.1, 3.4, 3.2)	_____	_____	_____	_____
3) (0.1, 0.124, 0.11, 1.0)	_____	_____	_____	_____
4) (9, 8.75, 8, 9, 8.7)	_____	_____	_____	_____
5) (0.5, 0.05, 0.005, 5, 0.05)	_____	_____	_____	_____
6) (21, 22, 12, 24, 20, 10, 9, 20.6)	_____	_____	_____	_____
7) (0.2, 1, 2, 4, 4, 0.02)	_____	_____	_____	_____
8) (100, 99, 95, 100, 95, 99.5)	_____	_____	_____	_____
9) (6.5, 5.6, 6.5, 5, 6, 0.65)	_____	_____	_____	_____
10) (5.4, 4.5, 4.4, 5.5, 4.5, 5.4, 4.4, 4.4)	_____	_____	_____	_____