

Name: _____

Period: _____

Main Ideas/Questions	Notes/Examples
Measures of Central Tendency	Mean (\bar{x}): average; add up all the values and divide by the number of values
	Median: middle number when the values are in order from least to greatest <i>*Note:</i> take the average of the two middle values if the set has an even number of values
	Mode(s): value that occurs the most
Range	Biggest value – smallest value OR max - min
Examples	Directions: Find the mean, median, mode(s), and range of each data set. Round to the nearest tenth when necessary.
	<p>1. The daily high temperature for the past two weeks in Orlando: {89, 90, 88, 91, 82, 90, 88, 88, 86, 90, 92, 87, 89, 86}</p> <p style="text-align: right;">Mean: _____ Median: _____ Mode(s): _____ Range: _____</p>
	<p>2. The number of points scored by a football team during their 16-game season: {7, 31, 33, 16, 30, 45, 25, 25, 25, 16, 28, 24, 20, 33, 31, 10}</p> <p style="text-align: right;">Mean: _____ Median: _____ Mode(s): _____ Range: _____</p>
	<p>3. Jenna’s math quiz grades in the second quarter: {78, 90, 95, 84, 80, 82, 87, 98, 72}</p> <p style="text-align: right;">Mean: _____ Median: _____ Mode(s): _____ Range: _____</p>
	<p>4. Trevon has four grades in science class so far: 97, 78, 89, and 94. If he has a test coming up, what grade would he need so his overall average is at least 90?</p>