

## Introduction to Statistics Notes Day 2

Name \_\_\_\_\_ Period \_\_\_\_\_

Term	Describe	Example
<b>Mean Absolute Deviation (MAD)</b>		Steps: <ol style="list-style-type: none"> <li>1. Find the Mean</li> <li>2. Calculate the absolute value of the difference between each data value and the mean</li> <li>3. Determine the average of the differences in step 2. This average is the mean absolute deviation</li> </ol>
<b>Measures of Center</b>		Find the Mean and Median for the following data. <b><i>Hint:</i></b> (Must order the numbers first before finding the Median)  2 1 5 4 3  <b><u>Mean:</u></b> $\frac{15}{5} = 3$ <b><u>Median</u></b> = 3
<b>Measures of spread</b>		<b><u>Examples of Measures of Spread:</u></b> <ol style="list-style-type: none"> <li>1. Range</li> <li>2. Interquartile Range (IQR)</li> <li>3. Mean Absolute Deviation -MAD</li> </ol>

