

## Algebra 1 Unit 6: Describing Data EOC Review Resources

### Must Do:

Complete the Unit 6 Sample Questions and check your answers. Mark the topics in which you will need more practice.

\_\_\_\_\_ 6.1 – Summarize, Represent and Interpret Data Single Variable \_\_\_\_\_ out of 6 correct

\_\_\_\_\_ 6.2 – Summarize, Represent and Interpret Data Two Variables \_\_\_\_\_ out of 2 correct

\_\_\_\_\_ 6.3 – Interpret Linear Models \_\_\_\_\_ out of 4 correct

### Helpful Resources per Topic:

On Your Formula Sheet	Mean, Interquartile Range, Mean Absolute Deviation
On Your Calculator	Find the Correlation Coefficient (r) by using the STATS button and CALC the LinReg (ax+b)
Box and Whisker Plots	<ol style="list-style-type: none"> <li>Khan Academy:               <ol style="list-style-type: none"> <li><a href="http://bit.ly/6BoxPlot">bit.ly/6BoxPlot</a></li> <li><a href="http://bit.ly/6Quartiles">bit.ly/6Quartiles</a></li> </ol> </li> <li>Practice Worksheets: <a href="http://bit.ly/KutaPractice">bit.ly/KutaPractice</a></li> <li>Quizizz Collection: <a href="http://bit.ly/QuizizzTwo">bit.ly/QuizizzTwo</a> <ol style="list-style-type: none"> <li>Histograms, Box Plots, Dot Plots</li> </ol> </li> </ol>
Mean Absolute Deviation (MAD)	<ol style="list-style-type: none"> <li>Khan Academy:               <ol style="list-style-type: none"> <li><a href="http://bit.ly/6MeanAD">bit.ly/6MeanAD</a></li> <li><a href="http://bit.ly/6MADpractice">bit.ly/6MADpractice</a></li> </ol> </li> <li>Practice Worksheets: <a href="http://bit.ly/KutaPractice">bit.ly/KutaPractice</a></li> <li>Quizizz Collection: <a href="http://bit.ly/QuizizzTwo">bit.ly/QuizizzTwo</a> <ol style="list-style-type: none"> <li>Mean, Median, Mode &amp; Range,</li> <li>Mean Absolute Deviation (MAD)</li> </ol> </li> <li>USA Test Prep Standards               <ol style="list-style-type: none"> <li>Interpreting Categorical and Quantitative Data 2, 3</li> </ol> </li> </ol>
Histograms	<ol style="list-style-type: none"> <li>Khan Academy:               <ol style="list-style-type: none"> <li><a href="http://bit.ly/6ShapeH">bit.ly/6ShapeH</a></li> </ol> </li> <li>Practice Worksheets: <a href="http://bit.ly/KutaPractice">bit.ly/KutaPractice</a></li> <li>Quizizz Collection: <a href="http://bit.ly/QuizizzTwo">bit.ly/QuizizzTwo</a> <ol style="list-style-type: none"> <li>Data Distribution</li> <li>Histograms, Box Plots, Dot Plots</li> </ol> </li> <li>USA Test Prep Standards               <ol style="list-style-type: none"> <li>Interpreting Categorical and Quantitative Data 1, 3</li> </ol> </li> </ol>
Two Way Frequency Tables	<ol style="list-style-type: none"> <li>Khan Academy:               <ol style="list-style-type: none"> <li><a href="http://bit.ly/6FreqTable">bit.ly/6FreqTable</a></li> </ol> </li> <li>Practice Worksheets: <a href="http://bit.ly/KutaPractice">bit.ly/KutaPractice</a></li> <li>Quizizz Collection: <a href="http://bit.ly/QuizizzTwo">bit.ly/QuizizzTwo</a> <ol style="list-style-type: none"> <li>Two Way Frequency Tables</li> </ol> </li> <li>USA Test Prep Standards               <ol style="list-style-type: none"> <li>Interpreting Categorical and Quantitative Data 4</li> </ol> </li> </ol>
Correlation (Scatter Plots)	<ol style="list-style-type: none"> <li>Khan Academy:               <ol style="list-style-type: none"> <li><a href="http://bit.ly/6Coefficient">bit.ly/6Coefficient</a></li> <li><a href="http://bit.ly/6LineBestFit">bit.ly/6LineBestFit</a></li> </ol> </li> <li>Practice Worksheets: <a href="http://bit.ly/KutaPractice">bit.ly/KutaPractice</a></li> <li>Quizizz Collection: <a href="http://bit.ly/QuizizzTwo">bit.ly/QuizizzTwo</a> <ol style="list-style-type: none"> <li>Correlations and Scatterplots</li> <li>Line of Best Fit</li> </ol> </li> <li>USA Test Prep Standards               <ol style="list-style-type: none"> <li>Interpreting Categorical and Quantitative Data 3, 5, 7, 8, 9, 10</li> </ol> </li> </ol>