**CHAPTER 12 – More About Regression**

**Homework**

(for help, check out glausermath.weebly.com)

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| Monday | 1 Tuesday | 2 Wednesday | 3 Thursday  *Review Chapter 3*  Worksheet/crossword  **POW #17 in class** | 4 Friday  *12.1a*  #1, 3 |
| 7  *12.1b*  #5, 7, 9, 11 | 8  *12.1c*  #13, 15b, 19 | 9  *12.2a*  #35, 36a, 37, 41a,b,d  **Test 11 Corrections Due** | 10  *Review Ch. 12*  p. 796 (test)  #1, 3-8, 10-12 | 11  **CH. 12 TEST**  *WE MADE IT!!* |

**Chapter Objectives**

**12.1: Inference for Linear Regression**

* Check conditions (LINER) for performing inference about the slope of the true regression line
* Interpret computer output from a least-squares regression analysis
* Construct (and interpret) a confidence interval for the slope of the true regression line
* Perform a significance test about the slope of the true regression line

**10.2: Transforming to Achieve Linearity**

* Use transformations involving powers, roots, and logarithms to achieve linearity for a relationship between two variables
* Make predictions from a least-squares regression line involving transformed data
* Determine which of several transformations does a better job of producing a linear relationship