**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