**Unit 3 Vocab and Terms**

**Correlation, Chapter 7**

**Barron’s Book**

Scatter Plot

Correlation and Linerity

Least Square Regression Line

Residual Plots

Outliers and Influential Points

Transformations to Achieve Linearity

**Textbook, Ch. 7**

Direction

Negative

Positive

Form

Linear

Outlier

Response variable

Explanatory variable

The y-variable is the \_\_\_\_\_\_\_\_\_\_\_

Correlation Coefficient

Correlation Coefficient Formula

Correlation

Quantitative Variable Condition

Straight Enough Condition

Outlier Condition

Correlation Properties … page 156 in textbook (know these … note cards maybe a good idea)

Warning: Correlation ≠ Causation … Why? Summarize pg. 157 in textbook