Scatter Plots – Worksheet #1

Indicate what kind of correlation is present in the provided scatter plots.

Plot #1: ABC Company

Plot #2: Mr. Gray's Class

Plot #3: Scatterplot of WEIGHT vs HEIGHT

Plot #4: Honda Cars

Plot #5:

Plot #6:
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40+ Homeruns

[Scatter plot graph]

Correlation: _____________  Equation of Trend Line: _______________

How many players do you think will hit 40 or more homeruns in the 2015 season?  What do you think happened from 1975 – 1995?

In 1998 and 2001, Mark McGwire and Barry Bonds broke the all-time single-season homerun record by hitting 70 and 73 homeruns respectively. These numbers are tainted in many people’s eyes because of suspicion of using performance-enhancing drugs. If you cross out those two data points, what correlation do you see?