|  |
| --- |
|  |

***MONDAY (4.28.25****)*

Discuss the previously assigned work: Compound Interest Worksheet (11 Problems)

**Objectives: Via the use of your TI-84 graphing calculator \_\_\_**

* Produce a scatter plot.
* Create a linear regression model (line of best fit).
* Analyze the slope and the y-intercept.
* Calculate the correlation coefficient.
* Interpret the correlation coefficient, *r*.
* Make a prediction using interpolation.
* Understand the danger of making predictions by extrapolation.

<https://mathbitsnotebook.com/Algebra2/Statistics/STregression.html>

<https://www.mathbits.com/MathBits/TISection/Statistics1/LineFit.html>

<https://mathbits.com/MathBits/TISection/Statistics2/linear.html>

**Class Work/Homework:**

[**https://www.bluevalleyk12.org/cms/lib/ks02212623/Centricity/Domain/2565/Line\_of\_Best\_fit\_worksheet.pdf**](https://www.bluevalleyk12.org/cms/lib/ks02212623/Centricity/Domain/2565/Line_of_Best_fit_worksheet.pdf)

**Follow the directions. Also, for problems #1 – 4, calculate and interpret the correlation coefficient.**

***WEDNESDAY (4.30.25****)*

**Discuss the previously assigned work.**

**Study for the Class Work (Linear Regression) to be done on Friday.**

***FRIDAY (5.2.25****)*

**Class Work** (Linear Regression)

**Homework:** **In**△ABC**:** AB=13; AC=17; BC=25. **Evaluate**m∠A**to the nearest degree.**

**Seniors: Your Final Exam will be on Wednesday, May 7, during this class period. Your exam will consist of released SAT/ACT questions.**