

You should be able to...

- 1.** Interpret y-intercept and slope from an equation in context
- 2.** Understand the correlation coefficient
- 3.** Understand different types of correlation and determine causation or no causation
- 4.** Find the average rate of change of a non linear graph
- 5.** Find ROC, y-intercept and equation from a graph and interpret their meanings in context
- 6.** Identify intercepts from a graph and explain their meaning in context
- 7.** Find ROC, y-intercept and equation from a table and interpret their meanings in context
- 8.** Write an equation from a given situation and interpret the ROC and slope
- 9.** Create a scatter plot and draw a trend line
- 10.** Write the equation of your trend line and make predictions using interpolation or extrapolation
- 11.** Use your calculator to find the linear regression model and make predictions using interpolation or extrapolation