

SECTION 1.3: MODELING WITH LINEAR FUNCTIONS

Homework: _____

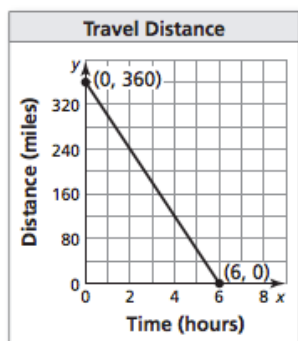
Learning Targets:

1b. Understanding of how to find and use best-fit lines for linear functions.

Slope:

Slope-Intercept Form:

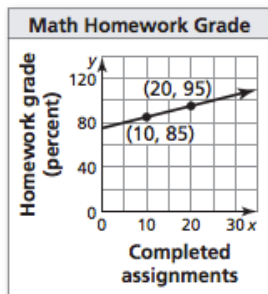
Point-Slope Formula:



Linear Equation:

Interpret the Slope:

Interpret the y-intercept:

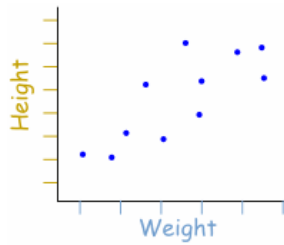


Linear Equation:

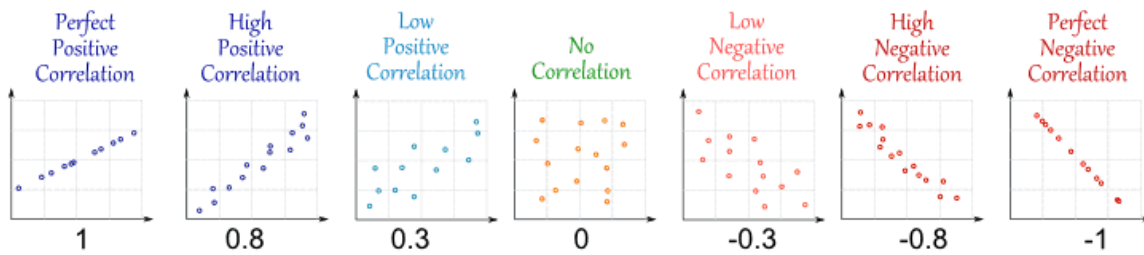
Interpret the Slope:

Interpret the y-intercept:

Scatterplots: a graph of _____ that show the relationship between two sets of data.



correlation coefficient: r , the closer r is to _____ or _____ the closer the data points are to the line. To determine the r , you must turn the Diagnostics On.



Line of Best Fit: a line that fits is as _____ to as many points as possible.

