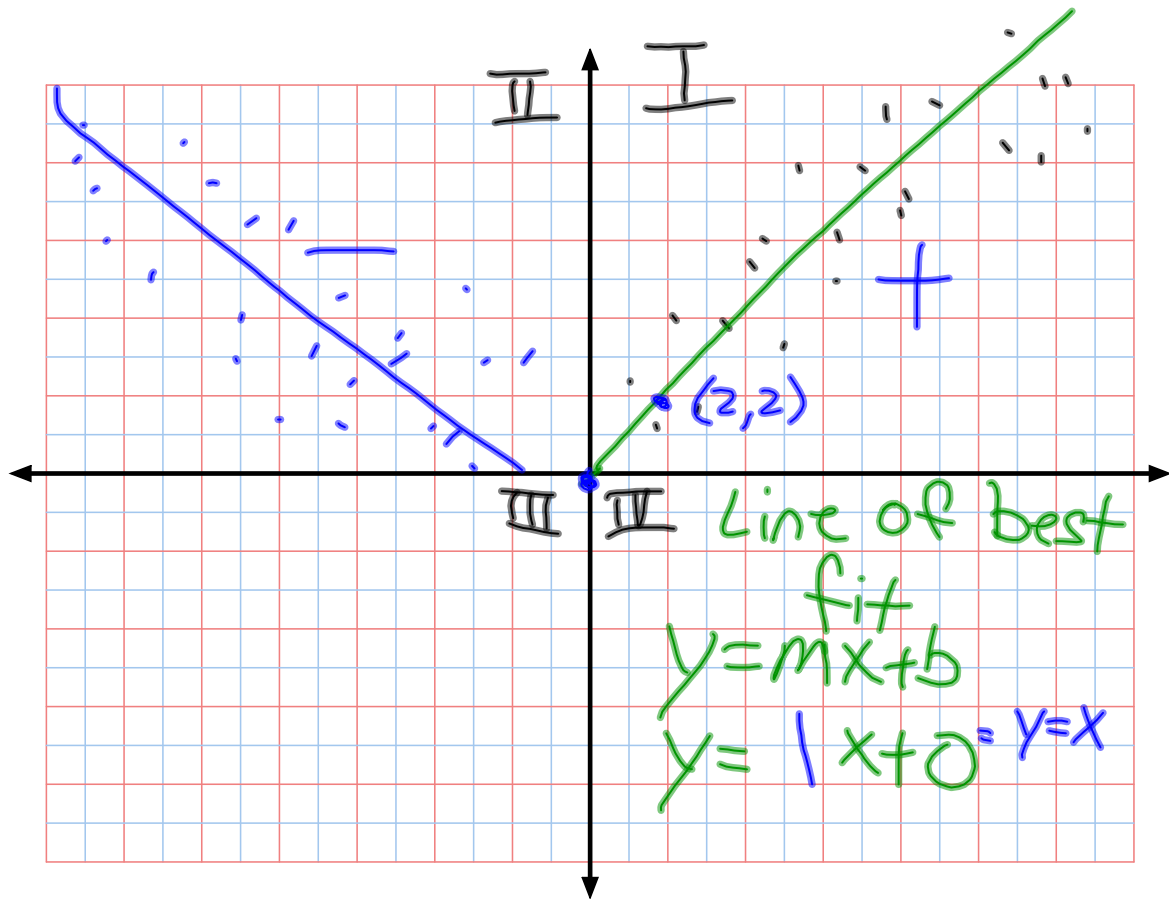


TODAY'S AGENDA: September 28th

- Continue working on Khan Academy Mission
- Today's Objective:
 - > Students will be able to create and interpret: Scatter Plots
- Today's Standard:
 - > Summarize, represent and interpret data on a single count or measurement variable.

Scatter Plots:

- Constructing Scatter Plots
- Making Good Scatter Plots
- Positive & Negative Linear Correlations from Scatter Plots
- Describing Trends in Scatter Plots
- Correlation Coefficient Intuition
- Eyeballing the Line of Best Fit
- Estimating the Slope of the Line of Best Fit
- Estimating equations of Line of Best Fit to Make Predictions
- Interpreting Slope and y-Intercept of Lines of Best Fit



$$\text{Slope (m)} = \frac{y_2 - y_1}{x_2 - x_1} = \frac{2 - 0}{2 - 0} = \frac{2}{2} = 1$$

(x_1, y_1)
 $(0, 0)$
 (x_2, y_2)
 $(2, 2)$

$E = mc^2$
energy mass speed of light²

