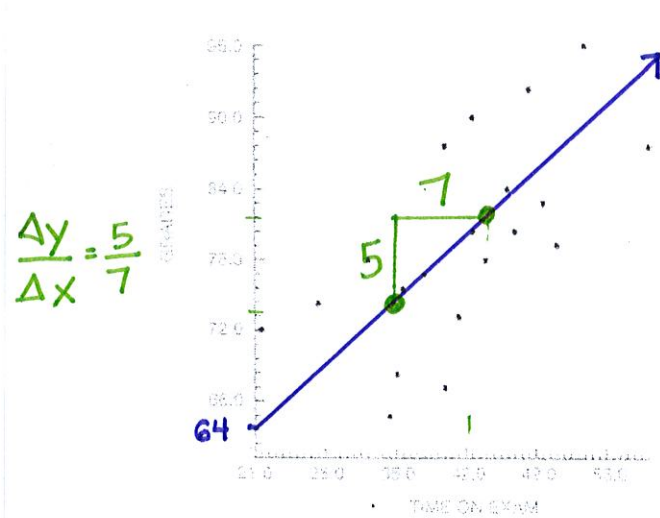


Line of Best Fit

Big Idea: Lines of best fit use given points to approximate and predict

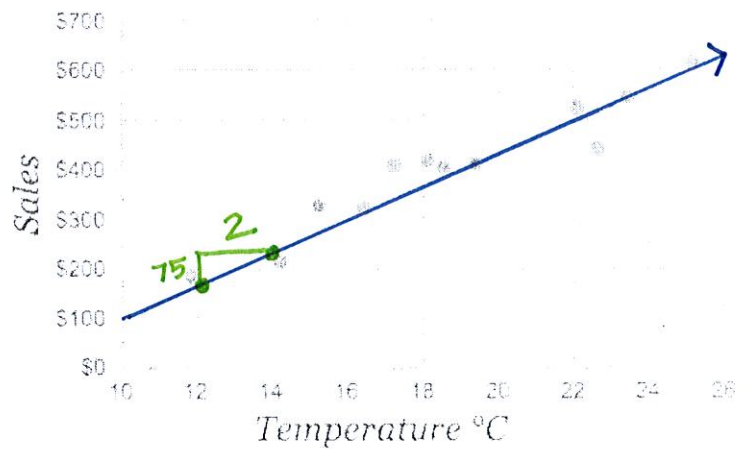
Use the slope intercept form $y = mx + b$

Examples: Find the equations of the lines of best fit for the graph below:



$$y = mx + b$$

$$y = \frac{5}{7}x + 64$$



$$y = mx + b$$

$$y = \frac{75}{2}x + 100$$

$$\frac{\Delta y}{\Delta x} = \frac{75}{2}$$