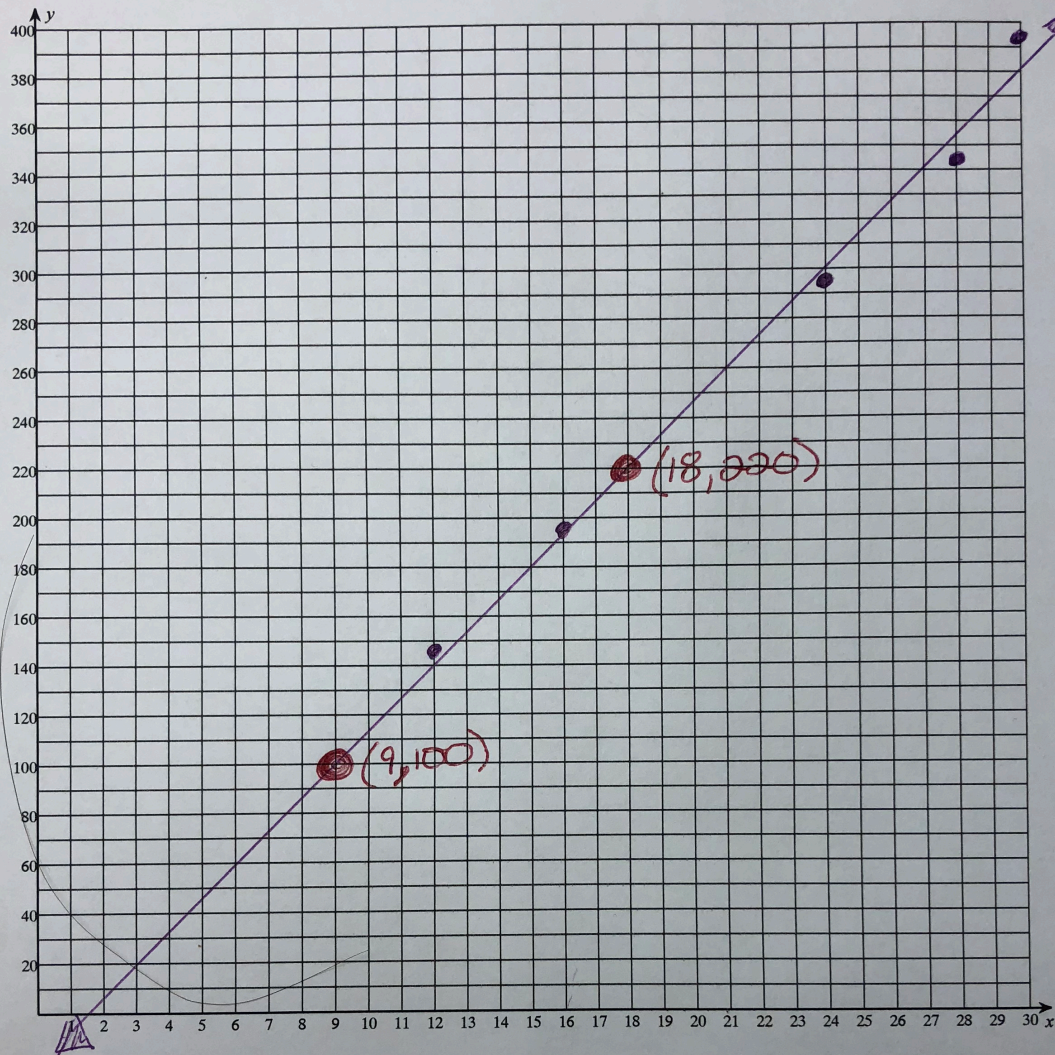


Graph for Final Exam Review #4

1)



FROM LINE OF BEST FIT: $(9, 100)$ + $(18, 220)$
 $x_1 \quad y_1 \quad x_2 \quad y_2$

$$\text{SLOPE} = \frac{y_2 - y_1}{x_2 - x_1} = \frac{220 - 100}{18 - 9} = \frac{120}{9} \approx 13.3$$

$$y = mx + b$$

$$y = 13.3x + b$$

$$100 = 13.3(9) + b$$

$$100 = 119.7 + b$$

$$-19.7 = b$$

$$y = 13.3x - 19.7$$