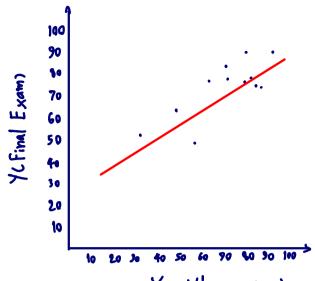
a) seem to have linear relationship.



b)
$$\hat{Y} \cdot b_0 + b_1 X$$
 $1 \cdot 12 \int_{1+1}^{12} X_1^2 \cdot 866 \int_{1+1}^{12} Y_1^2 \cdot 888 \int_{1+1}^{12} X_1^2 \cdot 65942$
 $\bar{X} = \sum_{1+1}^{12} X_1^2 - \frac{966}{12} \cdot 72.1667 \int_{1+1}^{12} \frac{X_1^2}{12} \cdot \frac{358}{12} \cdot 74$
 $b_1 = \frac{\sum_{1+1}^{12} X_1^2}{\sum_{1+1}^{12} X_1^2} \cdot (\frac{12}{12} X_1^2) / n = \frac{66098 - \frac{966(988)}{12}}{(5942 - (\frac{966}{12})^2)} = 0.5816$
 $\hat{Y} \cdot b_0 + b_1 X = 32.0278 + 0.5816 X$

C)
$$\times \cdot 86$$
, $\hat{\gamma} = ?$
 $\hat{\gamma} = 32.0278 + 0.5816 \times 32.0278 + (0.5816)(96) = $2.0454 ×$