

⑥ Scatter plot & correlation (r)
Form (shape), Direction, & Strength

⑦ Regression Line ^{Formulas}
on Calculator $b = r \frac{S_y}{S_x}$ & $a = \bar{y} - b\bar{x}$
 $\hat{y} = a + bx$

Estimation, extrapolation
interpreting slope & y-int.

R^2
Residual = observed - predicted = $y - \hat{y}$

$$\hat{y} = -1.16x + 89.82$$

⑧ Leverage + Residual
Influential Points.

⑩ & ⑪ Like Homework

