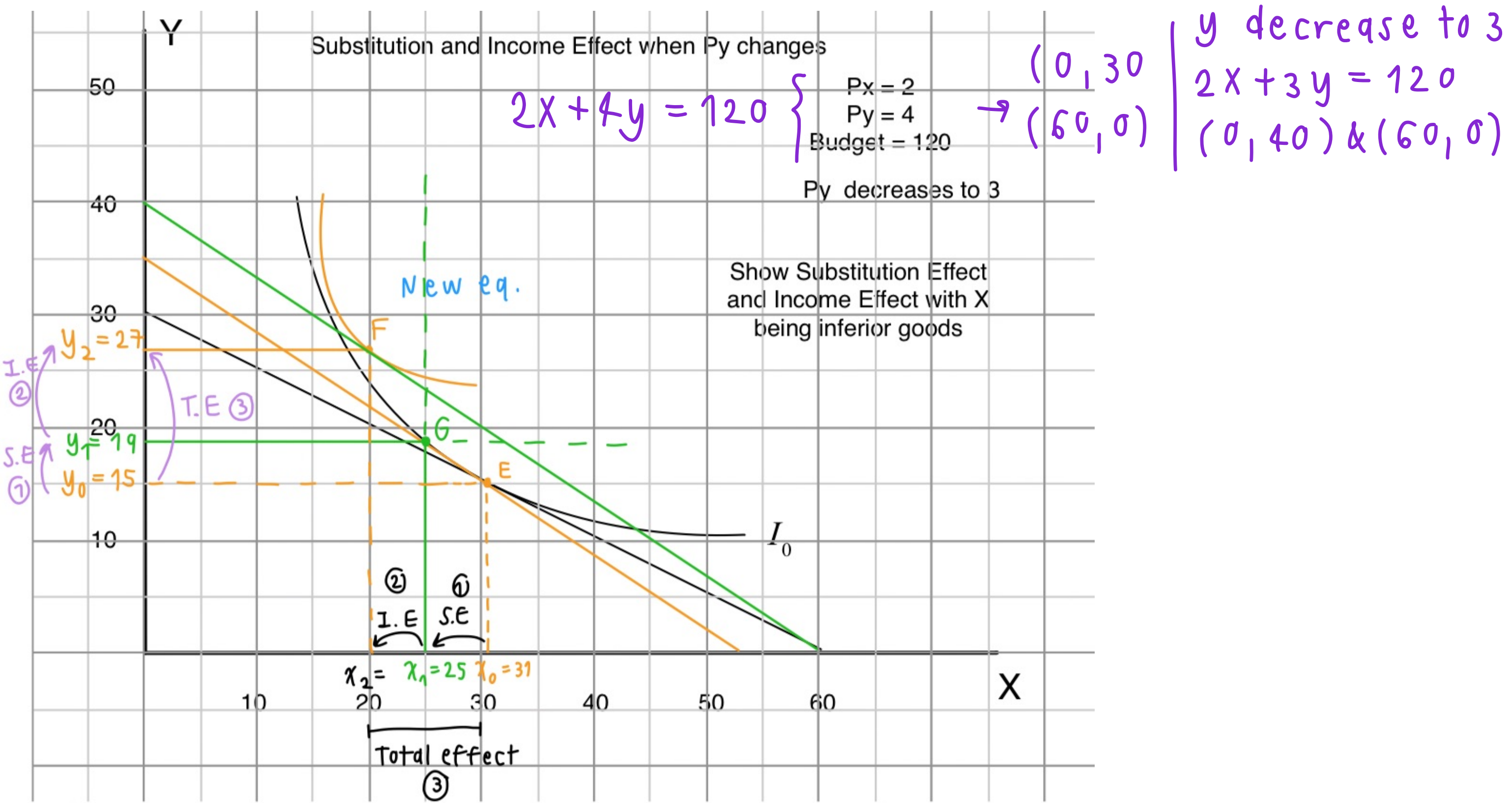
Suwapich
6404641133



$$S.E = \begin{cases} \Delta X = X_1 - X_0 = 25 - 31 = -6 < 0 \\ \Delta y = y_1 - y_0 = 19 - 15 = 4 > 0 \end{cases}$$

$$I.E = \begin{cases} \Delta X = X_2 - X_1 = 20 - 25 = -5 < 0 \\ \Delta y = y_2 - y_1 = 27 - 19 = 8 > 0 \end{cases}$$

$$T.E = \begin{cases} \Delta X = X_2 - X_0 = 20 - 30 = -10 < 0 \\ \Delta y = y_2 - y_0 = 27 - 15 = 12 > 0 \end{cases}$$

When Py decrease → consume more of y & less of X, meaning that X & y are substitute.

More real income → consume less of X & more of y.

(y = luxury, X = inferior)

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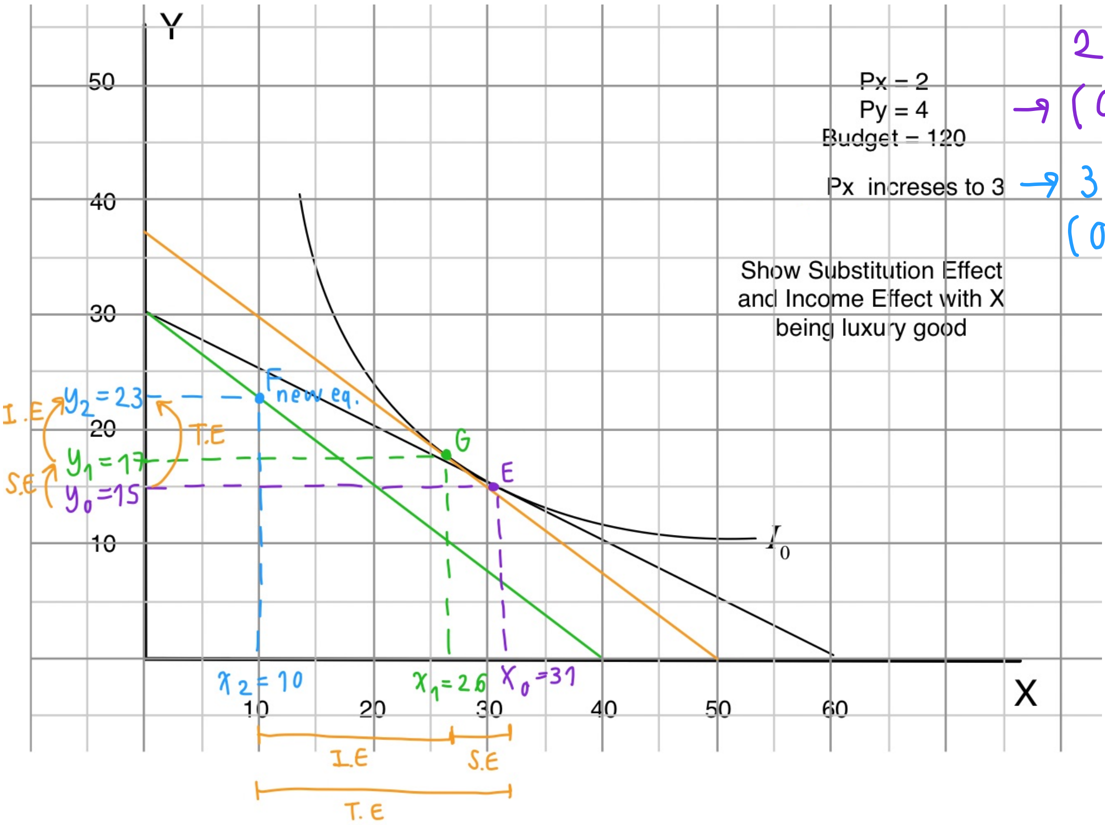

$2x + 4y = 120$ → $(0, 30)$ & $(60, 0)$

$3x + 4y = 120$ → $(0, 30)$ & $(40, 0)$ New

$$S.E = \begin{cases} \Delta x = x_1 - x_0 = 26 - 31 = -5 < 0 \\ \Delta y = y_1 - y_0 = 17 - 15 = 2 > 0 \end{cases}$$

$$I.E = \begin{cases} \Delta x = x_2 - x_1 = 10 - 26 = -16 < 0 \\ \Delta y = y_2 - y_1 = 23 - 17 = 6 > 0 \end{cases}$$

$$T.E = \begin{cases} \Delta x = x_2 - x_0 = 10 - 31 = -21 < 0 \\ \Delta y = y_2 - y_0 = 23 - 15 = 8 > 0 \end{cases}$$

When Px increases → consume less of x & more of y, meaning that x & y are substitute.

When real income decreases → consume less of x & more of y.

(x = luxury, y = inferior)