26.6

Ky

122.72

206.25

359.53

x2

139.24

156.25

246.49

108.16

272.25

524.41

707.56

2n = 104.4

$$4x^2 = 1933.12$$

$$4y^2 = 4586.66$$
 $n = 6$

a)
$$55(30) = 22^2 - \frac{(22)^2}{n}$$

$$r = \frac{5p(2y)}{\sqrt{55(2).55(y)}} = 0.98$$

-: Strongly positive correlation

then
$$\hat{y} = 44.616$$

$$|\mathcal{E}| = \frac{b}{\sqrt{\frac{5^2}{55(24)}}}$$

$$3^2 = \frac{55(9) - b sp(b s)}{n-2} = 523.22$$

$$t = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} \sim t_{n-2}$$

1617 ty thus to is rejected

$$a = y - b\pi = \frac{2y}{n} - b = \frac{2\pi}{n}$$

$$= \frac{153}{6} - b \cdot \frac{104.4}{6}$$