

Perio do X	Deman da Y	X ²	Y ²	X.Y
1	400	1	160,000	400
2	450	4	202,500	900
3	600	9	360,000	1800
4	680	16	462,400	2720
5	780	25	608,400	3900
E 15	2910	55	1,793,300	9,720

$$b = \frac{(5)(9720) - (15)(2910)}{5(55) - (15)^2}$$

$$b = \frac{48,600 - 43,650}{275 - 225}$$

$$b = \frac{4,950}{50}$$

$$b = 99$$

$$a = \frac{(2910 - (99)(15))}{(5)}$$

$$a = \frac{(2910) - 1485}{5}$$

$$a = \frac{1425}{5}$$

$$a = 285$$

$$Y = 285 + 99(6)$$

$$Y = 285 + 594$$

$$Y(6) = 879$$

$$y = a + b \cdot x$$

$$y = (285) + (99) \cdot x$$

$$y(5) = (285) + (99)(5)$$

$$y(5) = (285) + (495)$$

$$y(5) = 780$$

