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Periodo x	Demanda y
1	1300
2	1250
3	1400
4	1370
5	1450
6	1480
7	1500
8	1550
<u>36</u>	<u>11,300</u>

x ²	y ²
1	1,690,000
4	1,562,500
9	1,960,000
16	1,876,900
25	2,102,500
36	2,190,400
49	2,250,000
64	2,401,500
<u>204</u>	<u>1,56 x 10³</u>

Calcular "a" y "b"
Periodo 9.

x · y
1300
2,500
4,200
5,480
7,250
8,880
10,500
<u>12,400</u>
<u>52,510</u>

$$b = \frac{N \cdot \sum xy - \sum x \cdot \sum y}{N \cdot \sum x^2 - (\sum x)^2}$$

$$b = \frac{65,790}{540}$$

$$a = \frac{6,914.12}{9}$$

$$b = \frac{(9) \cdot (52,510) - (36)(11,300)}{(9)(204) - (36)^2}$$

$$b = 121.83$$

$$a = 768.23$$

$$b = \frac{(472,590) - (406,800)}{(1836) - (1296)}$$

$$a = \frac{\sum y - b \cdot \sum x}{N}$$

$$a = \frac{(11,300) - (121.83)(36)}{9}$$



Escaneado con CamScanner

$$a = \frac{(11,300) - (4,385.88)}{9}$$