

A large pink flower is in the top left corner. The background features a soft pink watercolor wash at the top.

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**ESTEFANY GABRIELA RAMOS
RAMÍREZ**

JOSUÉ ESTRADA

ESTADISTICA

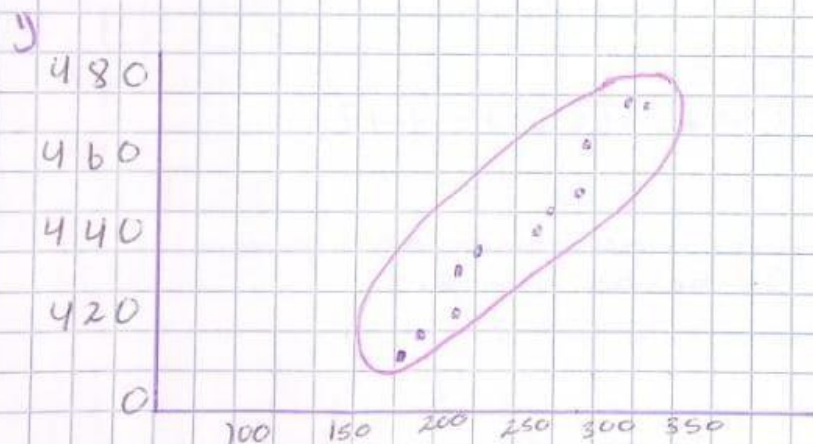
A collage on the left side includes a pink flower, a heart-shaped patch with a floral design, and a small branch with yellow flowers at the bottom.

**5TO ADMINISTRACIÓN DE
EMPRESAS**

IPRAM 2,021

Estefany Ramos sto Admon #8

X	Y	Y ²	X ²	XY
189	402	161,604	35,721	75,978
190	404	163,216	36,100	76,760
208	412	169,744	43,264	85,296
227	425	180,625	51,529	96,475
239	429	184,041	57,127	102,531
252	436	190,096	63,504	109,872
257	440	193,600	66,049	113,080
274	447	199,809	75,076	122,478
293	458	209,764	85,849	134,194
308	469	219,964	94,864	144,452
316	469	219,964	99,856	148,204
2753	4,791	209,2421	708933	1209720



Estefany Ramos Sto Admon #8

$$n = \frac{11 \cdot 1,209,720 - 2753 \cdot 4,791}{\sqrt{(11 \cdot 708,933 - 2753^2)(11 \cdot 2092,421 - 4,791^2)}}$$

$$n = \frac{13,306,920 - 13,189,623}{\sqrt{(7,798,263 - 7,579,009)(23,016,631 - 22,953,681)}}$$

$$n = \frac{777,297}{\sqrt{(219,254)(62,950)}}$$

$$n = \frac{777,297}{13,802,039,300}$$

$$n = \frac{777,297}{117,482.08} = 0.99 = 1 \text{ correlación positiva excelente.}$$

$$a = \frac{708,933 \cdot 4,791 - 2753 \cdot 1,209,720}{11 \cdot 708,933 - 2753^2}$$

$$a = \frac{3,396,498,003 - 3,336,359,160}{7,798,263 - 7,579,009}$$

$$a = \frac{66,138,843}{219,254} = 301.65$$

$$b = \frac{11 \cdot 1,209,720 - 2753 \cdot 4,791}{219,254}$$

$$b = \frac{13,306,920 - 13,189,623}{219,254}$$

$$b = \frac{117,297}{219,254} = 0.53$$

$$y = 301.65 + 0.53(325) = 473.87$$

Res: La producción para la venta de la compañía fue de 473.87.