



INSTITUTO IPRAM

**ROSSY MARYORITH
LÓPEZ ACABAL**

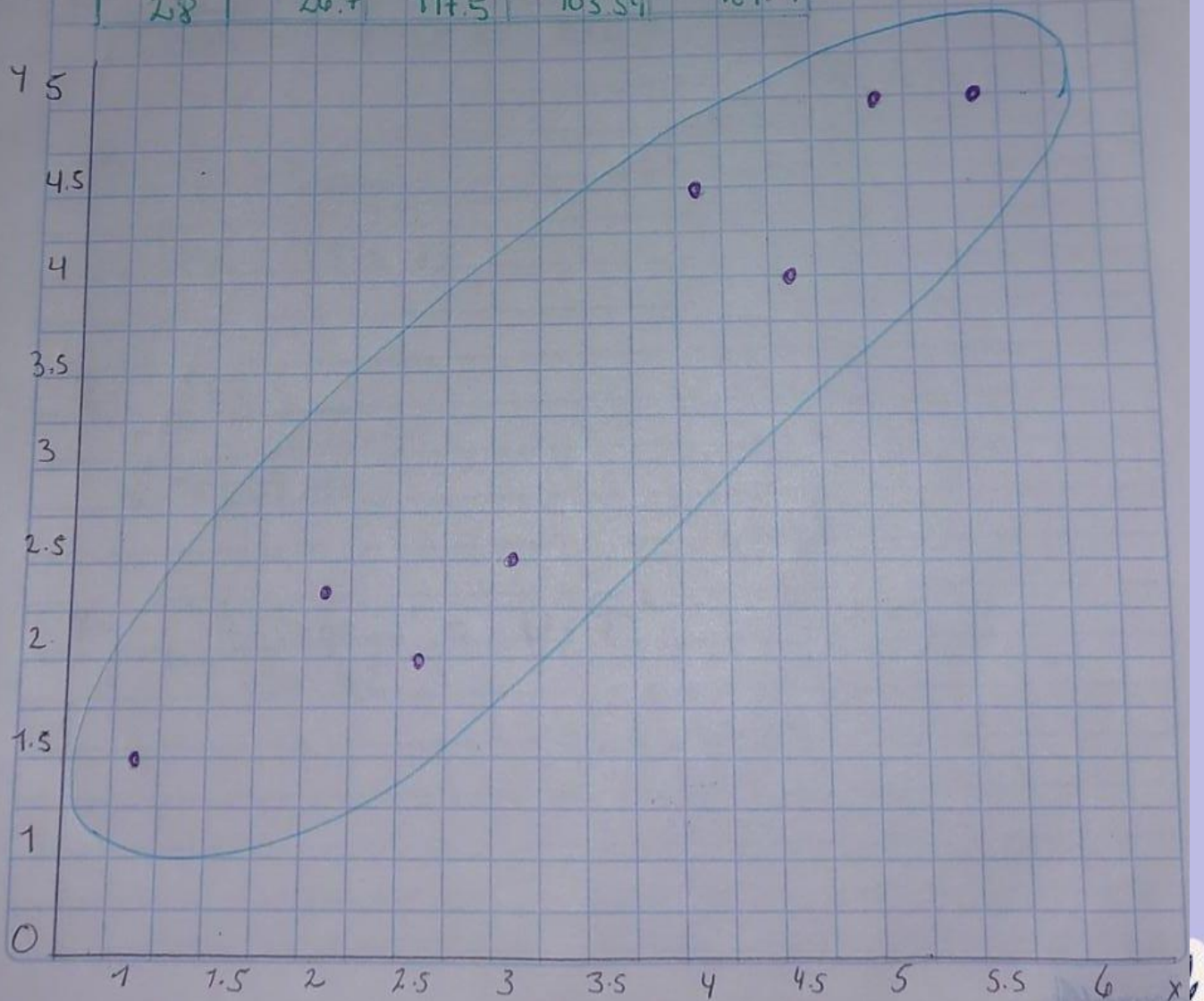
5TO ADMÓN

TAREAS: 4 4TA UNIDAD

**ESTADÍSTICA
2021**

Actividad 4 - Bloque 4 - Rosy López Acabal estadística Ipnafica:

X	y	x^2	y^2	xy
1	1.5	1	2.25	1.5
2	2.2	4	4.84	4.4
2.5	2	6.25	4	5
3	2.5	9	6.25	7.5
4	4.5	16	20.25	18
4.5	4	20.25	16	18
5	5	25	25	25
6	5	36	25	30
28	26.7	117.5	103.59	109.4



Formula R - Rossy López Acubal - Sto Admón

$$R = \frac{N \sum (xy) - \sum x \sum y}{\sqrt{[N \sum x^2 - (\sum x)^2][N \sum y^2 - (\sum y)^2]}}$$

$$R = \frac{8 \cdot 109.4 - 28 \cdot 26.7}{\sqrt{[8 \cdot 117.5 - 28^2][8 \cdot 103.59 - 26.7^2]}}$$

$$R = \frac{875.2 - 747.6}{\sqrt{[940 - 784][828.72 - 712.89]}}$$

$$R = \frac{127.6}{\sqrt{[156][115.83]}}$$

$$R = \frac{127.6}{\sqrt{18,069.48}}$$

$$R = \frac{127.6}{134.42} = 0.95.$$