INSTITUTO IPRAM

Alumna: ROSSY MARYORITH LÓPEZ ACABAL

Profesora: JOSÚE

Grado: 5TO ADMÓN

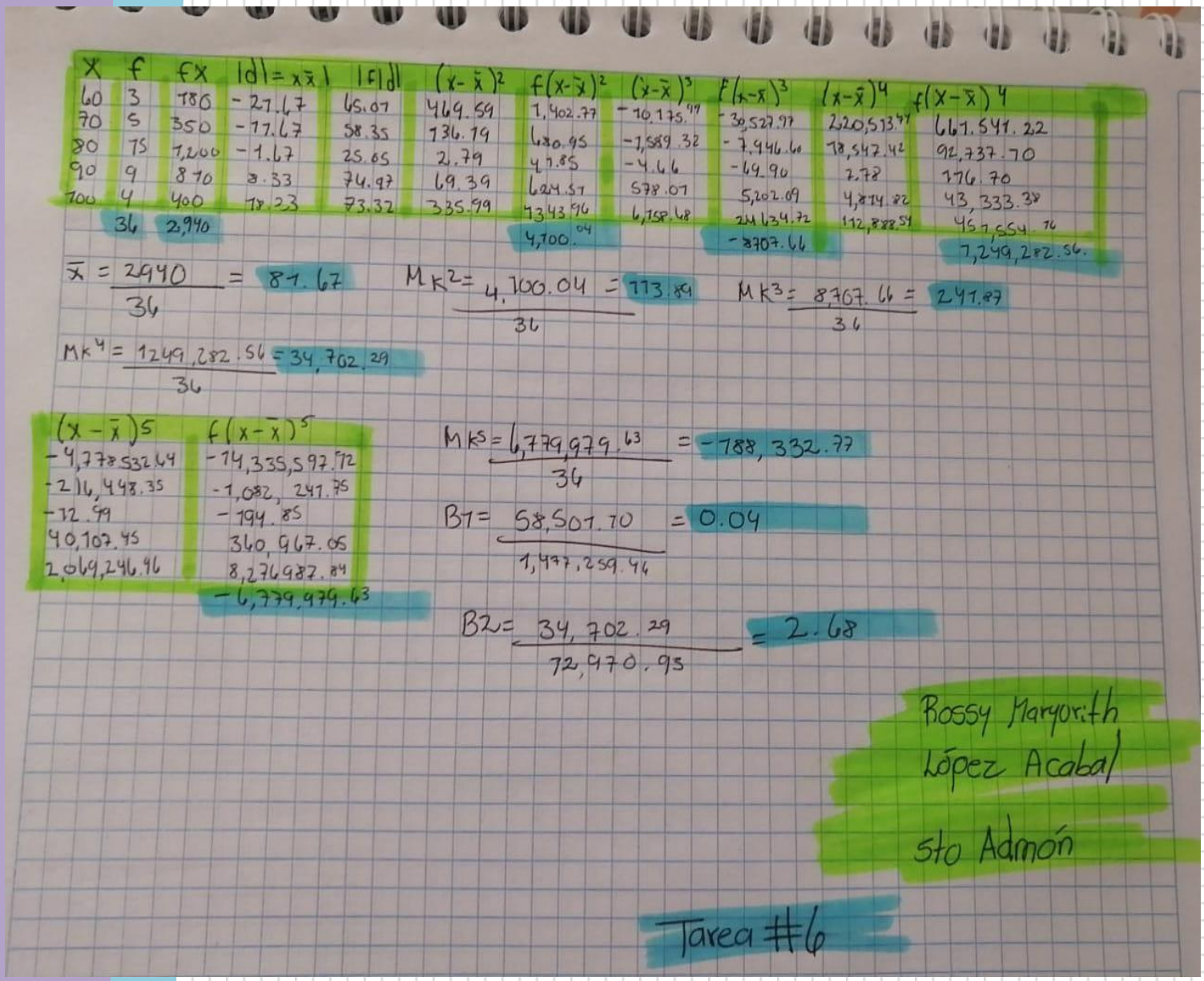
Asignatura: ESTADÍSTICA

TAREA #6

CLAVE: #9

AÑO: 2021

TAREA



X	f	fx	|d| = x x̄ |	f|d|	(x - x̄)²	f(x - x̄)²	(x - x̄)³	f(x - x̄)³	(x - x̄)⁴	f(x - x̄)⁴
60	3	180	- 27.67	65.07	464.59	1,402.77	- 10,175.99	- 30,527.97	2,820,513.47	661.541.22
70	5	350	- 17.67	58.35	136.79	680.95	-1,589.32	- 7,946.60	78,547.42	92,737.70
80	75	1,200	- 1.67	25.65	2.79	47.85	- 4.66	- 64.90	2.78	176.70
90	9	810	8.33	74.97	69.39	624.57	578.07	5,202.09	4,814.82	43,333.38
700	4	400	18.33	73.32	335.99	43.43.96	6,158.68	24,634.72	112,888.54	45 7,554.76
	36	2,940				4,700.04		- 8707.66		7,249,282.56.

$\bar{x} = \frac{2940}{36} = 87.67$

$MK^2 = \frac{4,700.04}{36} = 773.89$

$MK^3 = \frac{8,707.66}{36} = 241.87$

$MK^4 = \frac{1249,282.56}{36} = 34,702.29$

(x - x̄)⁵	f(x - x̄)⁵
- 4,778532.64	- 14,335,597.72
- 216,448.35	- 1,082, 241.75
- 72.99	- 194.85
40,107.45	360, 967.05
2,069,246.96	8,276987.84
	- 6,779,979.63

$MK^5 = \frac{6,779,979.63}{36} = -188,332.77$

$B1 = \frac{58,501.70}{1,477,259.44} = 0.04$

$B2 = \frac{34,702.29}{72,470.95} = 2.68$

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