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Nombre del profesor: ING. JORGE

Nombre del trabajo: EJERCICIOS

Materia: ESTADÍSTICA

Grado:

Grupo:

A

29	30	29	33	29	37	33	34
45	100	65	38	49	72	41	76
100	92	63	45	67	85	50	89
90	100	98	69	77	88	66	90
56	98	88	65	88	94	63	93
100	99	80	92	92	38	78	94
73	56	84	78	100	47	84	50
38	52	91	67	49	68	92	45
91	77	100	45	56	74	100	50

Intervalos - 8

Rango - 9

Intervalo	Fi	% Fi	fia	% fia	Xi	Fixi	Xi ²
29 - 37	8	11.11%	8	11.11%	33	264	1089
38 - 46	8	11.11%	16	22.22%	42	336	1764
47 - 55	8	11.11%	24	33.33%	51	408	2601
56 - 64	5	6.94%	29	40.27%	60	300	3600
65 - 73	9	12.51%	38	52.77%	69	621	4761
74 - 82	7	9.72%	45	62.51%	78	546	6084
83 - 91	11	15.27%	56	77.77%	87	957	7569
92 - 100	16	22.22%	72	100%	96	1,536	9,216
						4,968	

Fixi²

8,712
14,112
20,808
18,000
42,849
42,588
83,259
147,456
377,784

Media - 69 Mediana - 71.22 Moda - 93.90 \sum - 492.84

$$\sqrt{\quad} = 22.2$$

Media

$$\frac{4968}{72} = 69$$

Mediana

$$\frac{65 + 36 - 29}{9} = 8 = 71.22$$

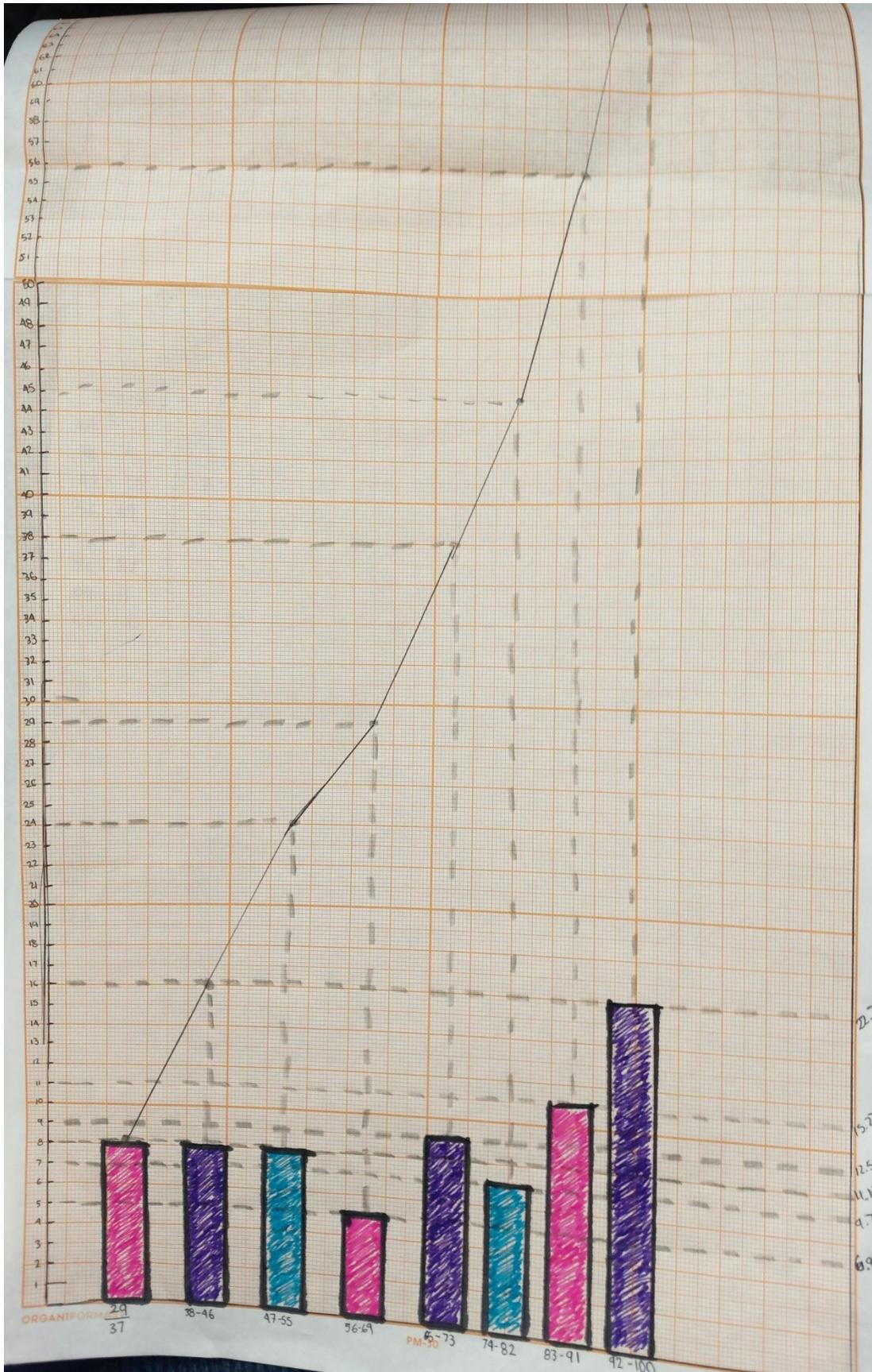
5²

$$\frac{377,784 - \frac{(4968)^2}{72}}{71} = 492.84$$

Moda

$$\frac{92 + 16 - 11}{(16 - 11) + (16 - 10)} = 8 = 93.90$$

$$\sqrt{\quad} = 22.2$$



22.7
15.27
12.57
11.17
9.77
8.97