



INSTITUTO PRIVADO
RAFAEL AREVALO MARTINEZ

NOMBRE:

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GRADO:

4TO. Admón.

Curso:

Estadística

CATEDRATICO:

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TAREA: #8

Puntajes Obtenidos por 35 alumnos en un examen de Matemática Financiera

A	L_i	L_{i-1}	X_i	f	f_a	$f \times X$
57	-6	2	59.5	4	4	238
63	-6	8	65.5	4	8	262
69	-7	4	71.5	4	12	286
75	-8	0	77.5	11	23	852.5
81	-8	6	83.5	6	29	501
87	-9	2	89.5	5	34	447.5
93	-9	8	95.5	1	35	95.5

$$\bar{X} = \frac{2682.5}{35} = 76.64$$

$$Md = 74.5 + \left(\frac{17.5 - 12}{11} \right) 6$$

$$Md = 74.5 + \left(\frac{5.5}{11} \right) 6$$

$$Md = 77.5$$

$$Md = 74.5 + (0.5) 6$$

$$Md = 74.5 + 3$$

$$Mo = 74.5 + \left(\frac{7}{7+5} \right) 6$$

$$\Delta 1 = 11 - 4 = 7$$

$$\Delta 2 = 11 - 6 = 5$$

$$Mo = 74.5 + \left(\frac{7}{12} \right) 6$$

$$Mo = 74.5 + (0.58) 6$$

$$Mo = 74.5 + 3.48$$

$$Mo = 77.98$$