

Puntuas obtenidas por 35 alumnos en un Examen de Matematicas Financieras:

X	LRI	LRS	XS	F	FA	FXS
57-62	56.5	62.5	59.5	4	4	238
63-68	62.5	68.5	65.5	4	8	262
69-74	68.5	74.5	71.5	4	12	286
75-80	74.5	80.5	77.5	11	23	852.5
81-86	80.5	86.5	83.5	6	29	501
87-92	86.5	92.5	89.5	5	34	447.5
93-98	92.5	98.5	95.5	7	35	668.5
				35		2,682.5

Medida Aritmetica-

$$\bar{X} = \frac{2,682.50}{35} = 76.64$$

Mediana-

$$\frac{35}{2} = 17.5$$

$$MD = 74.5 + \frac{(17.5 - 12) \cdot 6}{11}$$

$$MD = 74.5 + \frac{(5.5) \cdot 6}{11}$$

$$MD = 74.5 + (0.5) \cdot 6$$

$$MO = 74.5 + 3$$

$$MO = \underline{\underline{77.5}}$$

Moda.

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

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

$$MO = 74.5 + \frac{(7)}{7+5} \cdot 6$$

$$MO = 74.5 + \frac{(7)}{12} \cdot 6$$

$$MO = 74.5 + (0.58) \cdot 6$$

$$MO = 74.5 + 3.48$$

$$MO = \underline{\underline{77.98}}$$