

Puntos obtenidos por 36 alumnos en un examen de Cálculo Mercantil de Sbo. P.C.

LA.	F
52-58	9
59-65	4
66-72	6
73-79	9
80-86	5
87-93	2
94-100	1

X	NS	F	FXS	FA	LRI	LRS
52-58	55	9	495	9	57.5	58.5
59-65	62	4	248	13	58.5	65.5
66-72	69	6	414	19	68.5	72.5
73-79	76	9	684	28	72.5	79.5
80-86	83	5	415	33	79.5	86.5
87-93	90	2	180	35	86.5	93.5
94-100	97	1	97	36	93.5	100.5

36. 2,533.

Medida Aritmética.-

$$\bar{X} = \frac{2,533}{36} = 70.36.-$$

Mediana.-

$$\frac{36}{2} = 18.$$

$$MD = 65.5 + \frac{(18 - 13) \cdot 7}{6}$$

$$MD = 65.5 + \frac{(5)7}{6}$$

$$MD = 65.5 + (0.83)7$$

$$MD = 65.5 + 5.81$$

$$MD = \underline{\underline{71.31}}$$

Moda:-

$$MO = \Delta 1 = 9 - 6 = 3$$

$$\Delta 2 = 9 - 5 = 4$$

$$MO = 72.5 + \frac{(3)7}{3+4}$$

$$MO = 72.5 + \frac{(3)7}{7}$$

$$MO = 72.5 + (0.43)7$$

$$MO = 72.5 + 3.01$$

$$MO = \underline{\underline{75.51}}$$