

Puntajes obtenidos por 36 alumnos en un examen de cálculo mercantil de quinto año contador.

L	Δ	Lxi	Lrs	Xs	F	Fca	Fxs
52	58	51.5	58.5	55	1	9	495
59	65	58.5	65.5	62	4	13	248
66	72	65.5	72.5	69	6	19	414
73	79	72.5	79.5	76	9	28	684
80	86	79.5	86.5	83	5	33	415
87	93	86.5	93.5	90	2	35	180
94	100	93.5	100.5	97	1	36	97

=36

=2533

$$\bar{X} = \frac{2533}{36} = 70.36$$

Mediana

$$Md = \frac{36}{2} = 18 \quad Md = 65.5 + \frac{(18-13)}{6} \cdot 7$$

$$Md = 65.5 + \left(\frac{5}{6}\right) \cdot 7 \quad Md = 65.5 + (0.83) \cdot 7 \quad Md = 65.5 + 5.81$$

$$Md = R// \underline{\underline{71.31}}$$

Moda

$$\Delta 1 = 4 - 6 = 3 \quad Mo = 72.5 + \left(\frac{3}{3+4}\right) \cdot 7 \quad Mo = 72.5 + \left(\frac{3}{7}\right) \cdot 7$$

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

$$Mo = 72.5 + (0.43) \cdot 7 \quad Mo = 72.5 + 3.01$$

$$Mo = R// \underline{\underline{75.51}}$$