

Puntos obtenidos por 36 alumnos en un examen de Cálculo Mercantil de Quinto Perito Contador

L	A	Lri	Lrs	xs	f	fa	Fxs
52-58	51.5	58.5	55	9	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

= 2,533

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

Mediana

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

$$Md = 65.5 + \left(\frac{18 - 13}{6} \right) 7$$

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

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

$$Md = 65.5 + 5.81$$

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

Moda

$$\Delta_1 = 9 - 6 = 3$$

$$\Delta_2 = 9 - 5 = 4$$

$$Mo = 72.5 + \left(\frac{3}{3+4} \right) 7$$

$$Mo = 72.5 + \left(\frac{3}{7} \right) 7$$

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

$$Mo = 72.5 + 3.01$$

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