

Actividad #7

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

LA	Lri	Lrs	XS	F	Fa	Fxs
52 - 58	51.5	58.5	55	9	9	495
59 - 65	58.5	68.5*	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

$\Sigma F = 36$ $\Sigma Fxs = 2533$

$\bar{X} = \frac{\Sigma Fxs}{N}$

$Md = Lri + \left(\frac{N}{2} - Faa \right) \frac{i}{F}$

$Md = Lri + \left(\frac{\Delta 1}{\Delta 1 + \Delta 2} \right) i$

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

$Md = 65.5 + \left(\frac{18 - 13}{6} \right) 7 = 65.5 + (0.83) 7 = 65.5 + 5.83 = 71.33$

$Md = 72.5 + \left(\frac{3}{3+4} \right) 7 = 72.5 + 3 = 75.5$

$\Delta 1 = 9 - 6 = 3$

$\Delta 2 = 9 - 5 = 4$

$\bar{X} = 70.36$

$Md = 71.33$

$Md = 75.5$