

Tarea: 1

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L-a	Lp _i	Lp _s	xs	f	fa	fxs
34-42	33.5	42.5	38	2	2	76
43-51	42.5	51.5	47	3	5	141
52-60	51.5	60.5	56	8	13	448
61-68	60.5	68.5	65	13	26	845
70-78	69.5	78.5	74	10	36	740
79-87	78.5	87.5	83	3	39	249
88-96	87.5	96.5	92	6	45	552

$$\Sigma fxs = 3051$$

Media

$$\bar{X} = \frac{3051}{45} = 67.8$$

Mediana

$$Md = 60.5 + \left(\frac{22.5 - 13}{13} \right) 9$$

$$Md = 60.5 + \left(\frac{9.5}{13} \right) 9$$

$$Md = 60.5 + (0.73) 9$$

$$Md = 60.5 + 6.57$$

$$Md = 67.07$$

Moda

$$MO = 11 - 13 - 8 = 5$$

$$12 - 13 - 10 = 3$$

$$MO = 60.5 + \left(\frac{5}{5+3} \right) 9$$

$$MO = 60.5 + \left(\frac{5}{8} \right) 9$$

$$MO = 60.5 + (0.63) 9$$

$$MO = 60.5 + 5.67$$

$$MO = 66.17$$