

Kevin Liron
Tarea #5

Puntajes obtenidos por 45 alumnos en un examen de matemáticas

L-A	f	$\sum X$	$\sum f \times X$	$ d = X - \bar{X} $	$f d $	$(X - \bar{X})^2$	$f(X - \bar{X})^2$
34-42	2	38	76	29.80	59.60	888.04	1,776.08
43-51	3	47	141	20.80	62.40	432.64	1,297.92
52-60	8	56	448	11.80	94.40	139.24	1,113.92
61-69	13	65	845	2.80	36.40	7.84	101.92
70-78	10	74	740	6.20	62	38.44	384.40
78-87	3	83	249	15.20	45.60	231.04	693.12
88-96	6	92	552	24.20	145.20	585.64	3,513.84
	45		3,051		505.60		8,881.20

$$\bar{X} = \frac{3,051}{45}$$

$$\bar{X} = 67.80$$

$$D.m. = \frac{505.60}{45}$$

$$D.m. = 11.24$$

$$S = \sqrt{\frac{8,881.20}{45}}$$

$$S = 14.05$$

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