

Tarea #4

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notas por 35 alumnos en una prueba de Economía.

x	f	fx	$ d = x - \bar{x} $	f d	$(x - \bar{x})^2$	F $(x - \bar{x})^2$
9	8	72	2.17	17.36	4.71	37.68
8	6	48	1.17	7.02	1.37	8.22
7	5	35	0.17	0.85	0.03	0.15
6	10	60	0.83	8.30	0.69	6.90
5	3	15	1.83	5.49	3.35	10.05
4	1	4	2.83	2.83	8.01	8.01
3	1	3	3.83	3.83	14.67	14.67
2	1	2	4.83	4.83	23.33	23.33
$\Sigma = 35$		239		50.51		109.01

$\bar{x}$

$$\bar{x} = \frac{239}{35}$$

$$\bar{x} = 6.83$$

D_m

$$D_m = \frac{50.51}{35}$$

$$D_m = 1.44$$

S =

$$S = \sqrt{\frac{109.01}{35}}$$

$$S = \sqrt{3.11}$$

$$S = 1.76$$