

Questão #5
Pontos obtidos por 45 alunos em um exame de Matemática

L-A	F	x	$\sum x$	$ d = x - \bar{x}$	$ d ^2$	$\sum d ^2$	$\sum (x - \bar{x})^2$
34-40	2	38	76	24,80	616,64	59,60	888,64
43-51	3	47	141	20,80	432,64	62,40	432,64
52-60	8	56	448	11,80	139,24	94,40	139,24
61-69	13	65	845	2,80	7,84	36,40	7,84
70-78	16	74	1184	6,20	38,44	62	38,44
79-87	3	83	249	15,20	231,04	45,60	231,04
88-96	4	92	368	24,20	585,64	94,40	585,64
	45		3051		505,60		9881,20

$$\bar{x} = \frac{3051}{45}$$

$$\bar{x} = 67,80$$

$$P.M. = \frac{505,60}{45}$$

$$D.M. = 11,24$$

$$S = \sqrt{\frac{9881,20}{45}}$$

$$S = \sqrt{219,36}$$