

Tarea #07

Bilsen Cifuentes

Puntajes obtenidos por 49 alumnos en un examen de Cálculo mercantil.

X	F	XS	FXS	Id = X - $\bar{X}$	F Id	$(XS - \bar{X})^2$	F $(XS - \bar{X})^2$
60-69	1	64.5	64.5	18.98	18.98	360.24	360.24
70-79	16	74.5	1,192	8.98	143.68	80.64	1,290.24
80-89	19	84.5	1,605.5	1.02	19.38	1.04	19.76
90-99	13	94.5	1,228.5	11.02	143.26	121.44	1,578.72
	49		4,090.5		325.30		3,248.96

$$\bar{X} = \frac{4,090.5}{49}$$

$$\bar{X} = \underline{\underline{83.48}}$$

$$D.M = \frac{325.30}{49}$$

$$D.M = \underline{\underline{6.64}}$$

$$S = \sqrt{\frac{3,248.96}{49}}$$

$$S = \sqrt{66.31}$$

$$S = \underline{\underline{8.14}}$$

$$V = \frac{8.14}{83.48} \times 100$$

$$V = \underline{\underline{9.75}}$$