



ESTADÍSTICA

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GRADO: 4to Perito en Administración de
Empresas

Tarea #3

Peso en libra de 32 alumnos de Kinder

X	F	FX	$ d = X - \bar{X} $	f d	$(X - \bar{X})^2$	$(C(X - \bar{X}))^2$
29	2	58	29.81	59.62	888.64	1,777.28
38	2	76	20.81	41.62	433.06	866.12
47	2	94	11.81	23.62	139.48	278.96
56	10	560	2.81	28.10	7.90	79
65	11	715	6.19	68.09	38.32	421.52
74	4	296	15.19	60.76	230.74	922.96
83	1	83	24.19	24.19	585.16	585.16
$\Sigma = 32$		1,882		306		4,931

$$\bar{X} = \frac{1882}{32} = 58.81$$

$$DM = \frac{\Sigma f |d|}{N}$$

$$DM = \frac{306}{32}$$

$$DM = 9.56$$

$$S = \sqrt{\frac{\Sigma f (X - \bar{X})^2}{N}}$$

$$S = \sqrt{\frac{4,931}{32}}$$

$$S = \sqrt{154.09}$$

$$S = 12.41$$