

Kevin Lirio

Tarea #3

Peso en libra de 32 alumnos

x	f	fx	$ d = x - \bar{x} $	$f d $	$(x - \bar{x})^2$	$f(x - \bar{x})^2$
29	2	58	29.81	59.62	888.64	1777.28
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	79.00
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
$\Sigma = 32$		1882		306		4931

$\bar{x}$

D_m

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

$$D_m = \frac{306}{32} = 9.56$$

s

$$s = \frac{\sqrt{4931}}{32}$$

$$s = \sqrt{154.09}$$

$$s = 12.41$$