

Tarea No. 5.- Jacqueline Morales. 2.-

Puntajes obtenidos por 45 alumnos en un examen de matemáticas financieras

X	F	XS	FXS	d = xs-x̄	F d	(xs-x̄) ²	F(xs-x̄) ²
34-42	2	38	76	29.8	59.6	888.04	1776.08
43-51	3	47	141	20.8	62.4	432.64	1297.92
52-60	8	56	448	11.8	94.4	139.24	1113.92
61-69	73	65	845	2.8	36.4	7.84	101.92
70-78	10	74	740	6.2	62	38.44	384.4
79-87	3	83	249	15.2	45.6	241.04	693.12
88-96	6	92	552	24.2	145.2	585.64	3513.84
	45	3,051			505.6		8,881.20

$$\bar{X} = \frac{3,051}{45} = \underline{\underline{67.84}}$$

$$DM = \frac{505.6}{45} = \underline{\underline{11.24}}$$

$$S = \sqrt{\frac{8,881.20}{45}}$$

$$S = \sqrt{197.36}$$

$$S = \underline{\underline{14.05}}$$