

INSTITUTO PRIVADO RAFAEL ARÉVALO MARTÍNEZ

Nombre:

Katherin Jimena Muñoz Salazar

Grado:

4to. Administración de Empresas

Catedrático:

Josue Estrada

Curso:

Estadística

TAREA 4

v.e.j.m.v.j.-Ch. 4/08/2021

Katherin Muñoz

Puntajes obtenidos por 25 alumnos en un examen de Estudios Sociales I de Primero Básico.

Intervalo	Lr _i	f	fa
49 - 55	48.5	2	2
56 - 69	55.5	3	5
70 - 76	64.5	9	14
77 - 83	76.5	9	23
84 - 90	83.5	2	25

$$D_1 = 55.5 + \left(\frac{2.5 - 2}{3} \right) \cdot 7$$

$$D_1 = 55.5 + \left(\frac{0.5}{3} \right) \cdot 7$$

$$D_1 = 55.5 + (0.17) \cdot 7$$

$$D_1 = 55.5 + 1.12$$

$$D_1 = 56.62$$

$$D_3 = 64.5 + \left(\frac{7.5 - 5}{9} \right) \cdot 7$$

$$D_3 = 64.5 + \left(\frac{2.5}{9} \right) \cdot 7$$

$$D_3 = 64.5 + (0.28) \cdot 7$$

$$D_3 = 64.5 + 1.96$$

$$D_3 = 66.46$$

$$D_5 = 64.5 + \left(\frac{12.5 - 5}{9} \right) \cdot 7$$

$$D_5 = 64.5 + \left(\frac{7.5}{9} \right) \cdot 7$$

$$D_5 = 64.5 + (0.83) \cdot 7$$

$$D_5 = 64.5 + 5.81$$

$$D_5 = 70.31$$

$$D_6 = 76.5 + \left(\frac{15 - 14}{9} \right) \cdot 7$$

$$D_6 = 76.5 + \left(\frac{1}{9} \right) \cdot 7$$

$$D_6 = 76.5 + (0.11) \cdot 7$$

$$D_6 = 76.5 + 0.77$$

$$D_6 = 77.27$$

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vaj.m.j.ch.

04/08/2021

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$$D_9 = 76.5 + \left(\frac{22.5 - 14}{9} \right) 7$$

$$D_9 = 76.5 + \left(\frac{8.5}{9} \right) 7$$

$$D_9 = 76.5 + (0.94) 7$$

$$D_9 = 76.5 + 6.58$$

$$D_9 = 83.08$$