

Instituto Privado Mixto
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Grado: 4to Bachillerato en Computación con
Orientación en Comercio

Sección: A

Ciclo Escolar: 2021

Actividad 4

Puntajes obtenidos por 25 alumnos en un examen de estudios sociales I de Primaria Básica

Intervalo	Li	A	Aa
49-55	52	2	2
56-69	55.5	3	5
70-76	69.5	9	14
77-83	76.5	4	18
84-90	82.5	2	20

$$D1 = Li + \left(\frac{N1 - f_{aa}}{f} \right) i \quad \frac{25 \times 1}{10} = 2.5$$

$$D1 = 55.5 + \left(\frac{2.5 - 2}{3} \right) 7$$

Restamos

$$D1 = 55.5 + \left(\frac{0.5}{3} \right) 7$$

Dividimos

$$D1 = 55.5 + \left(0.17 \right) 7$$

$$D1 = 55.5 + 1.19$$

$$D1 = 56.69$$

$$D3 = Li + \left(\frac{N3 - f_{aa}}{f} \right) i \quad \frac{25 \times 3}{10} = 7.5$$

$$D3 = 69.5 + \left(\frac{7.5 - 5}{9} \right) 7$$

$$D3 = 69.5 + \left(\frac{2.5}{9} \right) 7 \quad D3 = 69.5 + 1.96$$

$$D3 = 71.46$$

$$D3 = 69.5 + \left(0.28 \right) 7$$

$$D_5 = Lr + \left(\frac{N_5 - f_{aa}}{10} \right) i \quad \frac{25 \times 5}{10} = 12,5$$

$$D_5 = 69,5 + \left(\frac{12,5 - 5}{9} \right) 7$$

$$D_5 = 69,5 + \left(\frac{7,5}{9} \right) 7$$

$$D_5 = 69,5 + \left(0,83 \right) 7$$

$$D_5 = 69,5 + 5,81$$

$$D_5 = 75,31$$

$$D_6 = Lr + \left(\frac{N_6 - f_{aa}}{10} \right) i \quad \frac{25 \times 6}{10} = 15$$

$$D_6 = 76,5 + \left(\frac{15 - 14}{9} \right) 7$$

$$D_6 = 76,5 + \left(\frac{1}{9} \right) 7$$

$$D_6 = 76,5 + \left(0,11 \right) 7$$

$$D_6 = 76,5 + 0,77$$

$$D_6 = 77,27$$

$$Dq = Lri \left(\frac{10}{10} - f_{aa} \right) i \quad \frac{23 \times 9}{10} = 22.5$$

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

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

$$Dq = 76.5 + \left(0.94 \right) 7$$

$$Dq = 76.5 + 6.58$$

$$Dq = 83.08$$