

Puntos Obtenidos Por 43 alumnos en un exame de Ciencias Naturales

Intervalo	L_i	F	FA
54 - 58	53.5	4	4
59 - 63	58.5	6	10
64 - 68	63.5	12	22
69 - 73	68.5	23	35
74 - 78	73.5	3	38
79 - 83	78.5	4	42
84 - 88	83.5	1	43

D2
D3 D4
D7 D8

Recitas $Dx = L_i + \left(\frac{\frac{N \times x}{10} - Faa}{f} \right) i$

$$D2 = L_i + \left(\frac{\frac{N1}{10} - Faa}{f} \right) i$$

$$\frac{43 \times 2}{10} = 8.6$$

$$D2 = 58.5 + \left(\frac{8.6 - 4}{6} \right) 5$$

$$D2 = 58.5 + \left(\frac{4.6}{6} \right) 5$$

$$D2 = 58.5 + (0.77) 5$$

$$D2 = 58.5 + 3.85$$

$$D2 = \underline{\underline{62.35}}$$

$$D3 = L_i \left(\frac{N3}{10} - f_{aa} \right) i$$

$$\frac{43 \times 3}{10} = 12.9$$

$$D3 = 63.5 + \left(\frac{12.9 - 10}{12} \right) 5$$

$$D3 = 63.5 + \left(\frac{2.9}{12} \right) 5$$

$$D3 = 63.5 + (0.24) 5$$

$$D3 = 63.5 + 1.2$$

$$D3 = \underline{\underline{64.7}}$$

$$D4 = L_i \left(\frac{N4}{10} - f_{aa} \right) i$$

$$\frac{43 \times 4}{10} = 17.2$$

$$D4 = 63.5 + \left(\frac{77.2 - 70}{12} \right) 5$$

$$D4 = 63.5 + \left(\frac{7.2}{12} \right) 5$$

$$D4 = 63.5 + (0.6) 5$$

$$D4 = 63.5 + 3$$

$$D4 = \underline{\underline{66.5}}$$

$$D7 = \text{Lit} \left(\frac{\frac{N_8}{10} - f_{aa}}{6} \right) i$$

$$\frac{48 \times 7}{10} = 30.7$$

$$D7 = 68.5 + \left(\frac{30.7 - 22}{13} \right) 5$$

$$D7 = 68.5 + \left(\frac{8.7}{13} \right) 5$$

$$D_7 = 68.5 + (0.62)^5$$

$$D_7 = 68.5 + 3.7$$

$$D_7 = \underline{\underline{77.6}}$$

$$D_8 = L_i + \left(\frac{N_8}{10} - f_{aa} \right) \cdot \frac{1}{f}$$

$$D_8 = \frac{43 \times 8}{10} = 34.4$$

$$D_8 = 68.5 + \left(\frac{34.4 - 22}{13} \right)^5$$

$$D_8 = 68.5 + \left(\frac{72.4}{13} \right)^5$$

$$D_8 = 68.5 + (0.95)^5$$

$$D_8 = 68.5 + 4.75$$

$$D_8 = \underline{\underline{73.25}}$$