

Actividad # 5.

Puntos obtenidos por 43 alumnos en un examen de Ciencias Naturales

Intervalo	h_i	f	F_a
54 - 58	53.5	4	4
59 - 63	58.5	6	10
64 - 68	63.5	12	22
69 - 73	68.5	13	35
74 - 78	73.5	3	38
79 - 83	78.5	4	42
84 - 88	83.5	1	43

Decil 2

$$D_2 = 58.5 + \frac{(8.6 - 4)}{6} \cdot 5$$

$$D_2 = 58.5 + \left(\frac{4.6}{6} \right) \cdot 5$$

$$D_2 = 58.5 + (0.77) \cdot 5$$

$$D_2 = 58.5 + 3.85$$

$$D_2 = 62.35$$

Decil 3

$$D_3 = 63.5 + \frac{(12.9 - 10)}{12} \cdot 5$$

$$D_3 = 63.5 + \left(\frac{2.9}{12} \right) \cdot 5$$

no. 5
orales

$$D_3 = 63.5 + 1.2$$

$$D_3 = 64.7$$

$$D_4 = 63.5 + \left(\frac{17.2 - 10}{12} \right) 5$$

$$D_4 = 63.5 + \left(\frac{7.2}{12} \right) 5$$

$$D_4 = 63.5 + (0.60) 5$$

$$D_4 = 63.5 + 3$$

$$D_4 = 66.5$$

$$D_7 = 68.5 + \left(\frac{30.1 - 22}{13} \right) 5$$

$$D_7 = 68.5 + \left(\frac{8.1}{13} \right) 5$$

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

$$D_7 = 68.5 + 3.1$$

$$D_7 = 71.6$$

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

$$D_8 = 68.5 + \left(\frac{12.4}{13} \right) 5$$

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

$$D_8 = 68.5 + 4.75$$

$$D_8 = 73.25$$