

Actividad 5.



Complete la siguiente tabla y
Calcule los Deciles 2, 3, 4, 7, y 8
punteos obtenidos por 43 alumnos
En un Examen de ciencias Naturales.

X	Lri	f	fd
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

$$D_2 = L_{ri} + \left(\frac{\frac{N_2}{10} - f_{aa}}{f} \right) i$$

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

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

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

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

$$D_2 = 58.5 + 3.85$$

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Soto

"4to admon"

$$D_3 = L_{ri} + \left(\frac{\frac{N_3}{10} - f_{aa}}{f} \right) i$$

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

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

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

$$D_3 = 63.5 + (0.24)5$$

$$D_3 = 63.5 + 1.2$$

R11 **64.7**

$$D_4 = L_{ri} + \left(\frac{\frac{N_H}{10} - f_{aa}}{f} \right) : \frac{43 \times 4}{10} = 17.2$$

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

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

$$D_4 = 63.5 + (0.6)5$$

$$D_4 = 63.5 + 3$$

R11 **66.5**

$$D_7 = L_{ri} + \left(\frac{\frac{N_7}{10} - f_{aa}}{f} \right) :$$

$$\frac{43 \times 7}{10} = 30.1$$

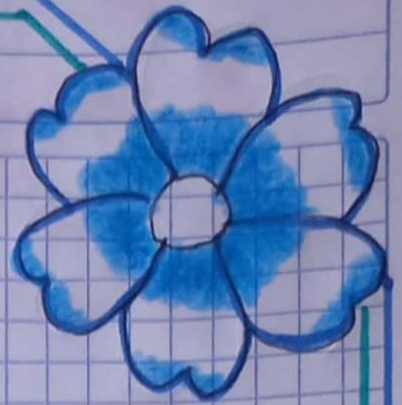
$$D_7 = 68.5 + \left(\frac{30.1 - 22}{13} \right) 5$$

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

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

$$D_7 = 68.5 + 3.1$$

R11 **71.6**



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

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

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

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

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

$$D_8 = 68.5 + 4.75$$

R11 73.25

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Soto

"4to admón"

