

Puntos obtenidos por 25 alumnos en un examen de estudios sociales 7º Básicos.

Intervalo	Lv	F	Fa
49 - 55	49.5	2	2
56 - 69	55.5	3	5
70 - 76	69.5	9	14
77 - 83	76.5	9	23
84 - 90	83.5	2	25

$$Q_1 = L_v + \left(\frac{N/4 - F_{aa}}{f} \right) \cdot \frac{25}{4} = 6.25$$

$$Q_1 = 69.5 + \left(\frac{6.25 - 5}{9} \right) \cdot 7 \quad Q_1 = 69.5 + \left(\frac{1.25}{9} \right) \cdot 7$$

$$Q_1 = 69.5 + (0.74) \cdot 7 \quad Q_1 = 69.5 + 0.98 \quad Q_1 = 70.48$$

$$Q_2 = L_v + \left(\frac{2N/4 - F_{aa}}{f} \right) \cdot \frac{2 \times 25}{4} = 72.5$$

$$Q_2 = 69.5 + \left(\frac{72.5 - 14}{9} \right) \cdot 7 \quad Q_2 = 69.5 + \left(\frac{58.5}{9} \right) \cdot 7$$

$$Q_2 = 69.5 + (0.83) \cdot 7 \quad Q_2 = 69.5 + 5.81 \quad Q_2 = 75.31$$

$$Q_3 = L_v + \left(\frac{3N/4 - F_{aa}}{f} \right) \cdot \frac{3 \times 25}{4} = 78.75$$

$$Q_3 = 76.5 + \left(\frac{78.75 - 23}{9} \right) \cdot 7 \quad Q_3 = 76.5 + \left(\frac{55.75}{9} \right) \cdot 7$$

$$Q_3 = 76.5 + (0.53) \cdot 7 \quad Q_3 = 76.5 + 3.71 \quad Q_3 = 80.21$$

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