

Puntos obtenidos por 25 Alumnos en un examen de Estudios Sociales I de primero básico.

Intervalo	Lr	f	fg
49-55	48.5	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 Q_2
 Q_3

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

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

$$Q_1 = 69.5 + (0.14) \cdot 7$$

$$Q_1 = 69.5 + 0.98 \quad Q_1 = 70.48$$

$$Q_2 = 69.5 + \left(\frac{12.5 - 5}{9} \right) \cdot 7$$

$$Q_2 = 69.5 + \left(\frac{7.5}{9} \right) \cdot 7$$

$$Q_2 = 69.5 + (0.83) \cdot 7$$

$$Q_2 = 69.5 + 5.81$$

$$Q_2 = 75.31$$

$$Q_3 = Lr_i + \left(\frac{3N \cdot f_{aa}}{f} \right) i$$

$$Q_3 = 69.5 + \left(\frac{18.75 - 5}{9} \right) 7$$

$$Q_3 = 69.5 + \left(\frac{13.75}{9} \right) 7$$

$$Q_3 = 69.5 + \left(\frac{1.53}{9} \right) 7$$

$$Q_3 = 69.5 + 10.71$$

$$Q_3 = 80.21$$

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