

Puntajes obtenidos por 25 alumnos en un examen de estudios sociales 1 de "Primeros Básicos"

Intervalos	L_{ri}	f	f_a
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

$$Q_1 = L_{ri} + \frac{(N/4 - f_{aa})}{f} \cdot i \quad 25/4 = 6.25$$

$$Q_1 = 69.5 + \frac{(6.25 - 5)}{9} \cdot 7 \quad Q_1 = 70.48$$

$$Q_2 = L_{ri} + \frac{(2N/4 - f_{aa})}{f} \cdot i \quad \frac{2 \times 25}{4} = 12.5$$

$$Q_2 = 69.5 + \frac{(12.5 - 14)}{9} \cdot 7 \quad Q_2 = 75.31$$

$$Q_3 = L_{ri} + \frac{(3N/4 - f_{aa})}{f} \cdot i \quad \frac{3 \times 25}{4} = 18.75$$

$$Q_3 = 76.5 + \frac{(18.75 - 23)}{9} \cdot 7 \quad Q_3 = 80.21$$