

Puntajes Obtenidos Por 25 alumnos en un Examen de Estudios Sociales 1 de Primero Básico.

Intervalo	LRI	F	FA
49 - 55	48.5	2	2
56 - 64	55.5	3	5
65 - 76	69.5	9	14
77 - 83	76.5	9	23
84 - 90	83.5	2	25

Q1, Q2, Q3.

Cuarta I

$$Q1 = Lri + \left(\frac{N/4 - Faa}{F} \right) i$$

$$\frac{25}{4} = 6.25$$

$$Q1 = 69.5 + \left(\frac{6.25 - 5}{9} \right) 7$$

$$Q1 = 69.5 + \left(\frac{1.25}{9} \right) 7$$

$$Q1 = 69.5 + (0.14) 7$$

$$Q1 = 69.5 + 0.98$$

$$Q1 = \underline{\underline{70.48}}$$

Contoh 2:

$$Q_2 = L_{rif} \left(\frac{\frac{2N}{4} - f_{aa}}{f} \right)_i$$

$$\frac{2 \times 25}{4} = 12.5$$

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

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

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

$$Q_2 = 69.5 + 5.81$$

$$Q_2 = \underline{\underline{75.31}}$$

Contoh 3:

$$Q_3 = L_{rif} \left(\frac{\frac{3N}{4} - f_{aa}}{F} \right)_o$$

$$\frac{3 \times 25}{4} = 18.75$$

$$Q3 \quad 76.5 + \left(\frac{78.75 - 14}{9} \right) 7$$

$$Q3 \quad 76.5 + \left(\frac{4.75}{9} \right) 7$$

$$Q3 \quad 76.5 + (0.53) 7$$

$$Q3 \quad 76.5 + 3.71$$

80.21