

demanda 20

Puntaje obtenidos por 25 alumnos en un Examen de Estudios sociales 1 de Primaria Básica

Intervalo	Lr i	F	Fa	
48 — 55	48.5	2	2	
56 — 63	55.5	3	5	
64 — 71	69.5	9	14	Q1 Q2
72 — 79	76.5	9	23	Q3
80 — 87	83.5	2	25	

$$Q_1 = Lr_i + \left(\frac{N/4 - F_{aa}}{F} \right) i$$

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

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

$$69.5 + (0.19) 7$$

$$69.5 + 0.98 = Q_1 = 70.48$$

$$Q_2 = Lr_i + \left(\frac{\frac{2N}{4} - F_{aa}}{F} \right) i$$

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

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

$$69.5 + (0.83) 7$$

$$69.5 + 5.81 = Q_2 = 75.31$$

$$Q_3 = Lr_i + \left(\frac{\frac{3N}{4} - f_{aa}}{f} \right) i$$

$$76.5 + \left(\frac{18.75 - 14}{9} \right) 7$$

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

$$76.5 + (0.53) 7$$

$$76.5 + 3.71 =$$

$$Q_3 = \underline{80.21}$$