

Complete la siguiente tabla los cuartiles 1, 2, 3 de la siguiente tabla.

Puntajes obtenidos por 25 alumnos en un examen de estudios sociales I de primero básico.

Intervalo	Ly_i	f	Fa
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

$$D1 = Ly_i + \left(\frac{N2 - Faq}{\frac{10}{f}} \right) ; \quad \frac{25 \times 1}{10} = 2.50$$

$$D1 = 55.5 + \left(\frac{2.50 - 2}{3} \right) 7 \quad D1 = 55.5 + \left(\frac{0.50}{3} \right) 7$$

$$D1 = 55.5 (0.77) 7 \quad D1 = 55.5 + 7.19 \quad D1 = 56.69$$

$$D3 = Ly_i + \left(\frac{N3 - Faq}{\frac{10}{f}} \right) ; \quad \frac{25 \times 3}{10} = 7.50$$

$$D3 = 69.5 + \left(\frac{7.50 - 5}{9} \right) 7 \quad D3 = 69.5 + \left(\frac{2.50}{9} \right) 7$$

$$D3 = 69.5 + (0.28) 7 \quad D3 = 69.5 + 7.96 \quad D3 = 69.5 + 7.46$$

$$D5 = Ly_i + \left(\frac{N5 - Faq}{\frac{10}{f}} \right) ; \quad \frac{25 \times 5}{10} = 12.5$$

$$D5 = 69.5 + \left(\frac{12.5 - 5}{9} \right) 7 \quad D5 = 69.5 + \left(\frac{7.56}{9} \right) 7$$

$$D5 = 69.5 + (0.83) 7 \quad D5 = 69.5 + 5.81 \quad D5 = 75.31$$

$$D6 = 69.5 + \left(\frac{N6 - f_{aa}}{\frac{10}{10} F} \right) 7 \quad \frac{25 \times 6}{16} = 15.0$$

$$D6 = 76.5 + \left(\frac{15.0 - 14}{9} \right) 7 \quad D6 = 76.5 + \left(\frac{1.0}{9} \right) 7$$

$$D6 = 76.5 + (0.11) 7 \quad D6 = 76.5 + 0.77 \quad D6 = 77.27$$

$$D9 = 69.5 + \left(\frac{N9 - f_{aa}}{\frac{10}{10} F} \right) 7 \quad \frac{25 \times 9}{10} = 22.5$$

$$D9 = 76.9 + \left(\frac{22.5 - 14}{9} \right) 7 \quad D9 = 76.5 + \left(\frac{8.50}{9} \right) 7$$

$$D9 = 76.9 + (0.94) 7 \quad D9 = 76.5 + 6.58 \quad D9 = 83.08$$