

Puntajes obtenidos por 26 alumnos en un examen de Estudios Sociales de 1ro Básico.

Intervalo	Lri	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

D3 D5

D6 D9

D1:

$$D1 = \frac{25 \times 1}{10} = 2.5$$

$$D1 = 55.5 + \left(\frac{2.5 - 2}{3} \right) 7$$

$$D1 = 55.5 + \left(\frac{0.5}{3} \right) 7$$

$$D1 = 55.5 + (0.17) 7$$

$$D1 = 55.5 + 1.19$$

$$D1 = \underline{\underline{56.69}}$$

D3:

$$D3 = \frac{25 \times 3}{10} = 7.5$$

$$D3 = 69.5 + \left(\frac{7.5 - 5}{9} \right) 7$$

$$D3 = 69.5 + \left(\frac{2.5}{9} \right) 7$$

$$D3 = 69.5 + (0.28) 7$$

$$D3 = 69.5 + 1.96$$

$$D3 = \underline{\underline{71.46}}$$

D5:

$$D5 = \frac{25 \times 5}{10} = 12.5$$

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

$$D5 = 69.5 + \left(\frac{7.5}{9} \right) 7$$

$$D5 = 69.5 + (0.83) 7$$

$$D5 = 69.5 + 5.81$$

$$D5 = \underline{\underline{75.31}}$$



D6:

$$D6 = \frac{2.5 \times 6}{10} = 1.5$$

$$D6 = 76.5 + \left(\frac{1}{9} \right) 7$$

$$D6 = 76.5 + 0.77 =$$

$$D6 = 76.5 + \left(1.5 - 1.4 \right) 7$$

$$D6 = 76.5 + (0.1) 7$$

$$D6 = \underline{\underline{77.27}}$$

D9:

$$D9 = \frac{2.5 \times 9}{10} = 2.25$$

$$D9 = 76.5 + \left(\frac{2.25}{9} \right) 7$$

$$D9 = 76.5 + 6.58$$

$$D9 = 76.5 + \left(2.25 - 1.4 \right) 7$$

$$D9 = 76.5 + (0.94) 7$$

$$D9 = \underline{\underline{83.08}}$$