

UNIDAD 2

Examen de Matemática de Sexto Primaria

X	Li ^o	f	fa
48 - 56	47.5	5	5
57 - 65	56.5	8	13
66 - 74	65.5	7	20
75 - 83	74.5	9	29
84 - 92	83.5	6	35

Cuartiles.

$$Q_1 = \text{Li}^o + \left(\frac{N/4 - fa}{f} \right) i$$

$$Q_1 = 56.5 + \left(\frac{8.75 - 5}{8} \right) 9$$

$$Q_1 = 56.5 + \left(\frac{3.75}{8} \right) 9$$

$$Q_1 = 56.5 + (0.47) 9$$

$$Q_1 = 56.5 + 4.23$$

$$Q_1 = 60.73$$

$$Q_3 = \text{Li}^o + \left(\frac{N 3/4 - fa}{f} \right) i$$

$$Q_3 = 74.5 + \left(\frac{26.25 - 20}{9} \right) 9$$

$$Q_3 = 74.5 + \left(\frac{6.25}{9} \right) 9$$

$$Q_3 = 74.5 + (0.69) 9$$

$$Q_3 = 74.5 + 6.27$$

$$Q_3 = 80.77$$

Mo Madden

Deciles

$$D_1 = L_{rit} + \left(\frac{\frac{N_1}{10} - f_{aa}}{f} \right) i$$

$$D_1 = 47.5 + \left(\frac{3.5 - 0}{6} \right) 9$$

$$D_1 = 47.5 + \left(\frac{3.5}{6} \right) 9$$

$$D_1 = 47.5 + (0.7) 9$$

$$D_1 = 47.5 + 6.39$$

$$D_1 = 53.89$$

$$D_9 = L_{rit} + \left(\frac{\frac{N_9}{10} - f_{aa}}{f} \right) i$$

$$D_9 = 69.5 + \left(\frac{17.5 - 13}{7} \right) 9$$

$$D_9 = 69.5 + \left(\frac{4.5}{7} \right) 9$$

$$D_9 = 69.5 + (0.64) 9$$

$$D_9 = 69.5 + 5.76$$

$$D_9 = 75.26$$

Percentiles

$$P_x = L_{rit} + \left(\frac{\frac{N_x}{100} - f_{aa}}{f} \right) i$$

$$P_{70} = 74.5 + \left(\frac{24.5 - 20}{9} \right) 9$$

$$P_{70} = 74.5 + \left(\frac{4.5}{9} \right) 9$$

$$P_{70} = 74.5 + (0.5) 9$$

$$P_{70} = 74.5 + 4.5$$

$$P_{70} = 79$$

$$P_x = L_{rit} + \left(\frac{\frac{N_x}{100} - f_{aa}}{f} \right) i$$

$$P_{85} = 83.5 + \left(\frac{39.6 - 29}{6} \right) 9$$

$$P_{85} = 83.5 + \left(\frac{10.6}{6} \right) 9$$

$$P_{85} = 83.5 + (0.7) 9$$

$$P_{85} = 83.5 + 0.9$$

$$P_{85} = 84.4$$

Mo Mode lrs

