

**INSTITUTO PRIVADO RAFAEL
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**ESTEFANY GABRIELA RAMOS
RAMÍREZ**

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ESTADISTICA

**5TO ADMINISTRACIÓN DE
EMPRESAS**

IPRAM 2,021

Examen de Matemáticas de sexto Primaria.

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

⑨ Cuartiles

$$Q_1 = L_{B1} + \left(\frac{\frac{N}{4} - F_{ac}}{f} \right) i$$

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

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

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

$$Q_1 = 56.5 + 4.23 \quad Q_1 = 60.73$$

$$Q_3 = L_{B3} + \left(\frac{26.25 - 20}{9} \right) 9$$

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

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

$$Q_3 = 74.5 + 6.21$$

$$Q_3 = 80.71$$

Estefany Ramos

30/04/2021

Sto Admon

② Deciles

$$D_x = L_{B1} + \left(\frac{N_x - Faq}{f} \right) i$$

$$D_x = L_{B1} + \left(\frac{3.5 - 0}{5} \right) 9$$

$$D_x = 47.5 + \left(\frac{3.5}{5} \right) 9$$

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

$$D_x = 47.5 + 6.3$$

$$D_x = 53.8$$

$$D_5 = 65.5 + \left(\frac{17.5 - 13}{7} \right) 9$$

$$D_5 = 65.5 + \left(\frac{4.5}{7} \right) 9$$

$$D_5 = 65.5 + (0.64) 9$$

$$D_5 = 65.5 + 5.76$$

$$D_5 = 71.26$$

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5to Admón

③ Percentiles

$$p70 = LB1 \left(\frac{24.5 - 20}{9} \right) 9$$

$$p70 = 74.5 \left(\frac{4.5}{9} \right) 9$$

$$p70 = 74.5 (0.5) 9$$

$$p70 = 74.5 + 4.5$$

$$p70 = 79$$

$$p85 = LB1 \left(\frac{29.75 - 29}{6} \right) 9$$

$$p85 = 83.5 \left(\frac{0.75}{6} \right) 9$$

$$p85 = 83.5 (0.13) 9$$

$$p85 = 83.5 + 1.17$$

$$p85 = 84.67$$