

Actividad 2

X	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

$$Q1 = 70.48$$

$$Q2 = 75.31$$

$$Q3 = 80.21$$

$$Q1 = Lri + \left(\frac{N/4 - faa}{f} \right) i$$

$$\frac{25}{4} = 6.25$$

$$Q1 = 69.5 + \left(\frac{6.25 - 5}{9} \right) 7$$

$$Q1 = 69.5 + (0.14) 7$$

$$Q1 = 69.5 + 0.98$$

$$Q1 = \underline{70.48}$$

$$Q2 = Lri + \left(\frac{2N/4 - faa}{f} \right) i$$

$$Q2 = 69.5 + 5.81$$

$$Q2 = \underline{75.31}$$

$$\frac{25 \times 2}{4} = \frac{50}{4} = 12.5$$

$$Q2 = 69.5 + \left(\frac{12.5 - 5}{9} \right) 7$$

$$Q2 = 69.5 + (0.83) 7$$

$$Q_3 = L + \frac{(3N/4 - f_{aa})}{f}$$

$$Q_3 = 25 \times 3 = \frac{75}{4} = 18.75$$

$$Q_3 = 76.5 + \left(\frac{18.75 - 14}{9} \right) \times 7$$

$$Q_3 = 76.5 + (0.53) \times 7$$

$$Q_3 = 76.5 + 3.71$$

$$Q_3 = \underline{\underline{80.21}}$$