

Tarea #2 Rafael Antonio Arreaga

Intervalo	Li	F	FC
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

$$Li + \frac{(N/4 - F_{ac})}{F}$$

$$25 \div 4 = 6.25$$

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

$$69.5 + \left(\frac{1.25}{9} \right) 7$$

$$69.5 + (0.14) 7$$

$$69.5 + 0.98$$

$$Q1 = 70.48$$

$$Q^2 =$$

$$\frac{2 \times 25}{4}$$

$$= 12.5$$

$$Q^2 \quad 69.5 + \left(\frac{12.5 - 5}{9} \right) =$$

$$Q^2 \quad 69.5 \left(\frac{7.5}{9} \right) =$$

$$Q^2 \quad 69.5 \left(\underline{0.83} \right) =$$

$$Q^2 \quad 69.5 + 5.87$$

$$Q^2 = 75.37$$

80.27

$$Q3 = 180 + \frac{3 \times 14}{12} - (aa) \quad \text{if} \quad \frac{3 \times 25}{4} = 18.75$$

$$Q3 = 76.5 + (18.75 - 14) \times 7$$

$$Q3 = 76.5 + \left(\frac{4.75}{9} \right) \times 7$$

$$Q3 = 76.5 + (0.53) \times 7$$

$$Q3 = 76.5 + 3.71$$

$$Q3 = 80.27$$