

Puntos obtenidos en 125 preguntas
en un examen de estadística
social I de primer año.

Intervalo	L_i	F	Fa
49-55	485	2	2
56-69	585	3	5
70-76	695	9	14
77-83	765	9	23
84-90	832	2	25

Q1 Q2
Q3

$$Q_1 = 69.5 + \left(\frac{6.25 - 5}{9} \right)^7$$

$$Q_1 = 69.5 + \left(\frac{1.25}{9} \right)^7$$

$$Q_1 = 69.5 + (0.14)^7$$

$$Q_1 = 69.5 + 0.98$$

$$Q_1 = 70.48$$

$$Q_2 = 69.5 + \left(\frac{12.5 - 5}{9} \right)^7$$

$$Q_2 = 69.5 + \left(\frac{7.5}{9} \right)^7$$

$$Q_2 = 69.5 + (0.83)^7$$

$$Q_2 = 69.5 + 5.87$$

$$Q_2 = 75.37$$

$$Q_3 = L_{r1} + \left(\frac{SW_{Fa4}}{F} \right)^2$$

$$Q_3 = 695 + \left(\frac{7875 - 5}{9} \right)^2$$

$$Q_3 = 695 + \left(\frac{78.75}{.9} \right)^2$$

$$Q_3 = 695 + \left(\frac{1.03}{.6} \right)^2$$

$$Q_3 = 695 + 1071$$

$$Q_3 = \underline{8021}$$