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**Nombre del trabajo: Datos
Agrupados**

Materia: Estadística Inferencial

Grado: 4to. Cuatrimestre

Grupo: "A"

Eddades	P_x	Acumulado	
0-10	10	10	a) 40% por debajo <u>0-21</u>
10-20	12	22	b) 61% por encima <u>38-50</u>
20-30	13	35	
30-40	14	49	c) 32% - 61%
40-50	9	60	

$$40\% D_4 = \frac{40 \cdot 60}{100}$$

$$D_4 = 24$$

$$C = L_i + \frac{H - f_i}{f_i} \cdot a$$

$$C = 20 + \frac{24 - 22}{15} \cdot 10$$

$$C = 20 + \frac{20}{15}$$

$$C = 20 + 1.3$$

$$C = 21.3 = 21$$

$$61\% = P_{61} = \frac{61 \cdot 60}{100}$$

$$P_{61} = 36.6 = 37$$

$$C = 20 + \frac{37 - 22}{15} \cdot 10$$

$$C = 20 + \frac{15}{15} \cdot 10$$

$$C = 20 + \frac{150}{15}$$

$$C = 20 + 10 = 30$$

$$32\% = P_{32} = \frac{32 \cdot 60}{100}$$

$$P_{32} = 19.2 = 19$$

$$C = 20 + \frac{19 - 22}{15} \cdot 10$$

$$C = 20 + \frac{15}{15} \cdot 10$$

$$C = 20 + \frac{150}{15}$$

$$C = 20 + 10 = 30$$

$$C = 10 + \frac{90}{12}$$

$$C = 10 + 7.5 = 17.5 = 18$$

