

**ESTADISTICA INFERENCIAL EN
NUTRICION**

EJERCICIO

NUTRICION 4 CUATRIMETRE

**UDS**

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Sebastian

6, 13, 6, 14, 9, 5, 4, 11, 2, 12, 3, 3, 0, 1
5, 10

2, 3, 4, 5, 5, 6, 7, 8, 9, 10, 10, 11, 11, 12

a) $30\% = 2-5$

a) $D_3 = \frac{3-15}{10}$

b) $75\% = 2-10$

$D_3 = 4-5 = 5\#$

c) $43\% = 2-6$

b) $Q_3 = \frac{3-15}{4}$

c) $P_{43} = \frac{43 \cdot 15}{100}$

$Q_3 = 11.25 \approx 11$

$= 6.45 \approx 6\#$

64, 64, 70, 73, 74, 55, 58, 69, 66
75, 55, 73, 40, 50, 47, 51, 80, 77, 79
66

40, 47, 50, 51, 55, 55, 58, 64, 66,
66, 64, 69, 70, 73, 73, 74, 75, 77, 79
80 Que porcentaje pasa mas de 60%?

A) $\text{Cuant} = \frac{\%n}{c}$

40%

$8 = \frac{? \cdot 20}{100}$

C) $28\% = 40-55$

$P_{28} = \frac{28 \cdot 20}{100}$

$\frac{800}{20} = ?$ B) $75\% = 40-73$

$P_{28} = 5.6 = 6$

$40 = ?$ P $75 = \frac{75 \cdot 20}{100}$

$P_{75} = 15\#$

Edades	P_i	F_i	
0-10	10	10	a) 40%
10-20	12	22	0-21
20-30	15	37	b) 81%
30-40	14	51	0-39
40-50	9	60	

$$40\% = D_1 = \frac{4 \cdot 60}{10} = 24 \approx 2^{\#}$$

$$C = L_1 + \frac{(C^{\#} - F_1^{-1}) \cdot a}{P_1}$$

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

$$C = 20 + \frac{20}{15} = 21.33$$

$$81\% \Rightarrow P_{81} = \frac{81 \cdot 60}{100} = 48.6 \approx 49$$

$$C = 30 + \frac{(49 - 37) \cdot 10}{14}$$

$$C = 30 + \left(\frac{12}{14} \cdot 10 \right)$$

$$C = 30 + \frac{120}{14} \rightarrow 38.57$$