

Ejercicio

① 2, 3, 4, 5, 5, 6, 7, 8, 9, 10, 10, 11, 11, 12

a) 30%

$$D_3 = \frac{3 \cdot 15}{10}$$

De 2 a 5

$$D_3 = 4.5 \approx 5 \#$$

b) 75%

$$Q_3 = \frac{3 \cdot 15}{4}$$

De 2 a 6

$$Q_3 = 11.25$$

$$\approx 11 \#$$

c) 43%

$$p_{43} = \frac{43 \cdot 15}{100} = 6.45 \approx 6 \#$$

De 2 a 10

②

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

a) ¿Qué porcentaje pesa más de 60 kg?

$$g = \frac{? \cdot 20}{100} = \frac{800}{20} = ?$$

$$= 40\%$$

b) 75%

$$p_{75} = \frac{75 \cdot 20}{100} = 15 \# \text{ del } 40 \text{ a } 73$$

c) 28%

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

$$p_{28} = 5.6 \approx 6 \# \text{ de } 40 \text{ a } 55$$

Edades	f_i	F_i
0-10	10	10
10-20	12	22
20-30	15	37
30-40	14	51
40-50	9	60

a) 40%

$$D_4 = \frac{4 \cdot 60}{10} = 24 = 2\#$$

$$C = L_i + \left(\frac{\# - F_i}{f_i} \right) \cdot a$$

$$C = 20 + \left(\frac{24 - 22}{15} \right) \cdot 10 = \frac{320}{15} =$$

$$C = 21.33$$

$$a) = 0 - 21$$

b) 81%

$$p_i = \frac{81 \cdot 60}{100} = 48.6 = 49$$

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

$$= 30 + \frac{120}{14} = 38.57\#$$

$$0 - 39$$