

Ejercicios

① 2, 3, 4 ^{30%} 5, ^{43%} 6, 7, 8, 9, 10, ^{75%} 11, 11, 12

a)

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

$$D_3 = 2-5$$

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

b)

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

$$D_3 = 2-6$$

$$Q_3 = 11.25 \approx 11^\#$$

c)

$$P_{43} = \frac{43 \cdot 15}{100} = 6.45 = 6^\#$$

$$D_3 = 2 \text{ a } 10$$

② 40, 47, 50, 51, 55, 55, 58, 64, 66, 66, 69, 69, 70, 73, 73, 75, 74, 77, 79, 80.

a) ¿Qué porcentaje pesa más que 60 kg?

$$8 = \frac{2 \cdot 20}{100} \quad \frac{800}{20} = 40\%$$

b) 75%

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

c) 28%

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

$$P_{28} = 5.6 = 6^\# = 40 \text{ al } 55$$

Glitter

③ Eddes	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%

$$D_4 = \frac{4 \cdot 6}{10} = 2.4 = 2\#$$

$$C = L_i + \left(\frac{\# - F_i^{-1}}{C_i} \right) \cdot d$$

$$C = 20 + \left(\frac{2.4 - 27}{15} \right) \cdot 10 = \frac{320}{15} = 21.33$$

$$C = 21.33$$

$$a) = 0 - 21$$

B) 81%

$$D_1 = \frac{81 \cdot 60}{100} = 48.6 = 49$$

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

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

$$0 - 39$$