

PLATAFORMA

DÍA MES AÑO

EXERCICIO 1.

RESULTADOS

2, 3, 4, 5, 5, 6, 7, 8, 9, 10, 10, 11, 11, 12, 13.

• a) = 2 - 5 (30%)

• b) = 2 - 10 (75%)

• c) = 2 - 6 (43%)

a)

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

b)

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

$$D_3 = 4.5 \rightarrow 5$$

$$Q_3 = \frac{45}{4} = 11.25 \rightarrow 11$$

$$c) = 13 = \frac{13 \cdot 15}{100}$$

$$= 6.45$$

$$\approx 6$$

EXERCICIO 2

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

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

4) ¿Qué porcentaje pesa más de 60 kg? 40% =

$$\% \text{ cuam} = \frac{kn}{c}$$

78% 40 - 55

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

$$p_{28} = \frac{28 \cdot 70}{100}$$

$$\frac{800}{40} = 40\%$$

$$= \frac{360}{100}$$

$$= 3.6$$

75% =

$$P_{75} = \frac{75 \cdot 20}{100}$$

$$= 15$$

$$= 73$$

• 40 - 73.

EJERCICIO 3

RESULTADOS

EDAD (xi)	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% = 0-21
- b) - 81% = 0-39

$$a) 40\% = D_4 = \frac{4 \cdot 60}{10} = 24 \rightarrow 2$$

$$C = L_1 + \left(\frac{H - F_{i-1}}{h_i} \right) \cdot a$$

$$C = 20 + \left(\frac{24 - 22}{10} \right) \cdot 10 = 20 + \frac{20}{15} = \underline{21.3}$$

$$b) 81\% = P_{81} = \frac{81 \cdot 60}{100} = 48.6 \rightarrow 49$$

$$C = L_1 + \left(\frac{H - F_{i-1}}{h_i} \right) \cdot a$$

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

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

$$C = \underline{38.57}$$