

Problema 1

6, 13, 8, 14, 9, 5, 4, 11, 2, 12, 7, 3, 10, 11, 5,
10

2, 3, 4, 5, 5, $\frac{6}{40\%}$, 7, 8, 9, 10, 10, 11, 11, 12, 13, 14

$$D_4 = \frac{K \cdot N}{10}$$

$$D_4 = \frac{4 \cdot 16}{10}$$

$$D_4 = \frac{64}{10}$$

$$D_4 = 6.4 = 6$$

De 2 a 6

Problema:

2-3

69, 64, 70, 73, 74, 55, 58, 69, 66, 75

55, 73, 40, 50, 47, 31, 80, 77, 24, 66

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

1) $75 = Q_3$

$$Q_3 = \frac{kn}{c}$$

R = entre 73 y 80 kilos

$$Q_3 = \frac{3 \cdot 20}{4}$$

$$Q_3 = \frac{60}{4}$$

$$Q_3 = 15$$

2) $28\% = P_{28}$

$$P_{28} = \frac{kn}{c}$$

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

R = Alumnos q' pesen menos de

$$P_{28} = \frac{560}{100}$$

56 kilos

$$P_{28} = 5.6 = 6$$

Problema
4 1 5

| Eldades | No. Px | Acumulados |
|---------|--------|------------|
| 8-15 | 10 | 10 |
| 15-25 | 12 | 22 |
| 25-35 | 15 | 37 |
| 35-45 | 14 | 51 |
| 45-55 | 9 | 60 |

$$40\% = D_4 = \frac{4}{10} \cdot 60 = 24$$

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

$$C = 25 + \frac{24 - 22}{15} \cdot 10$$

$$C = 25 + \frac{2}{15} \cdot 10$$

$$C = 25 + \frac{20}{15}$$

$$C = 25 + 1.3 = 26.3 = 26$$

$$81\% = P_{81} = 81 \cdot 60 = 49$$

$$C = 25 + \frac{49 - 22}{15} \cdot 10$$

$$C = 25 + 27 \cdot \frac{10}{15}$$

$$C = 25 + \frac{15}{15} \cdot \frac{270}{15}$$

$$C = 25 + 18 = 43$$