Sergio Daniel Gómez Espinoza

6, 13, 6, 10, 9, 5, 4, 11, 2, 12, 7, 3, 0, 1, 5, 10

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

a) 30% = 2-5
b) 75% = 2-10
c) 43% = 2-6

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

$D_3 = 4.5 = 5^{\#}$

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

$= 6.45 = 6^{\#}$

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

$Q_3 = 11.25$

$= 11$

64, 64, 70, 73, 74, 55, 58, 69, 66, 75, 55, 73, 40, 50, 47, 51, 50, 72, 79, 66

40, 47, 50, 51, 53, 55, 58, 64, 66, 66, 64, 69, 70, 73, 73, 74, 75, 77, 79, 80

Qué porcentaje pesa más de 60%?

1) $\#_{cuenta} = \frac{\uparrow n}{c}$

$3 = \frac{? \cdot 20}{100}$

$\frac{300}{20} = ?$

$40 = ?$

40%

B) 75% = 40-73

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

$P_{75} = 15^{\#}$

c) 25% = 40-55

$P_{25} = \frac{25 \cdot 20}{100}$

$P_{25} = 5 \cdot 6 = 6$

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Edades	f_i	F_i
0-10	10	10
10-20	12	22
20-30	15	37
30-40	14	51
40-80	9	60

a) 40%.
0-21

b) 81%.
0-39

$40\% = D_4 = \frac{4 \cdot 60}{10} = 24 \simeq 2^{\#}$

$c = L_i + \left(\frac{c^{\#} - F_i^{-1}}{F_i} \right) \cdot a$

$c = 20 + \left(\frac{20 - 22}{15} \right) 10$

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

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

$c = 30 + \left(\frac{44 - 37}{14} \right) \cdot 10$

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

$c = 30 + \frac{120}{14} \rightarrow 39.57$