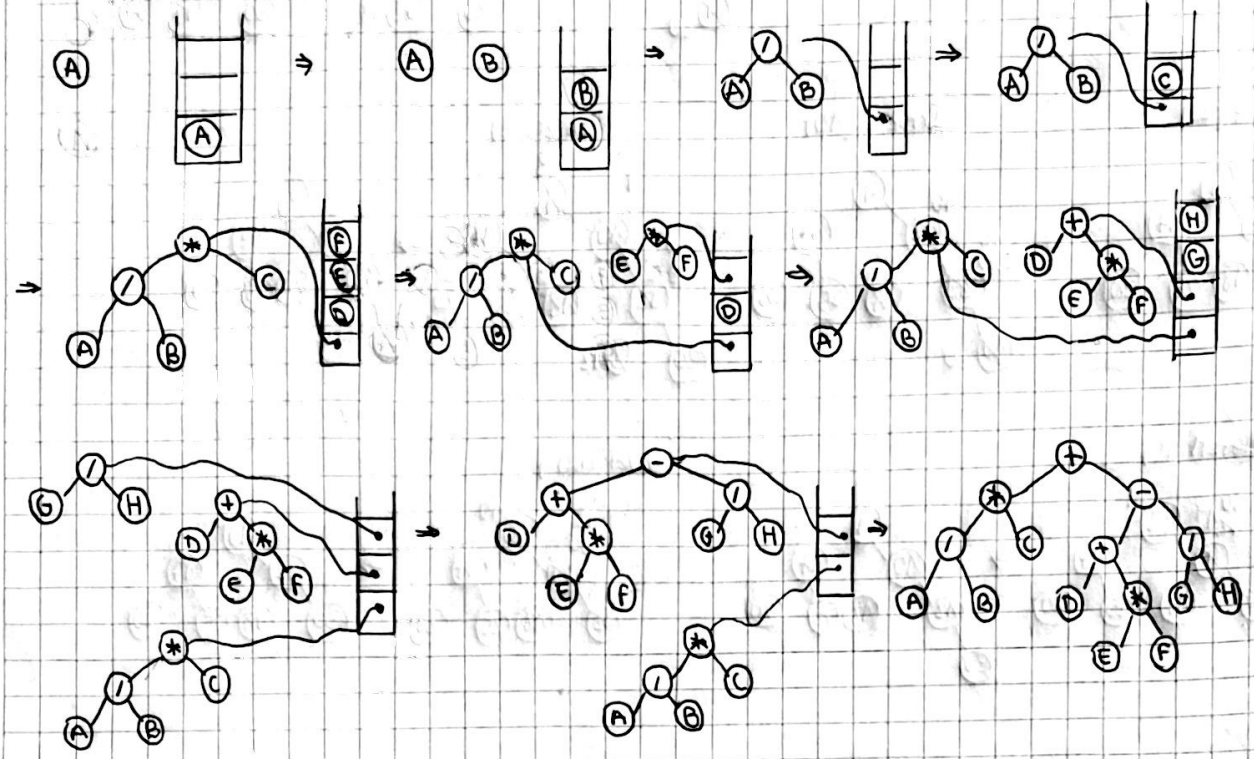
Parcial 1

Ejercicio 2



Ejercicio 3

a.- Grado K=4
Altura h=?
$\Rightarrow N = (K^H + K - 2) / (K-1)$

K=4 h=? N=22

$(4^h + 4 - 2) / (4-1) = 22$

$(4^h + 2) / 3 = 22$

$4^h + 2 = 66$

$4^h = 64$

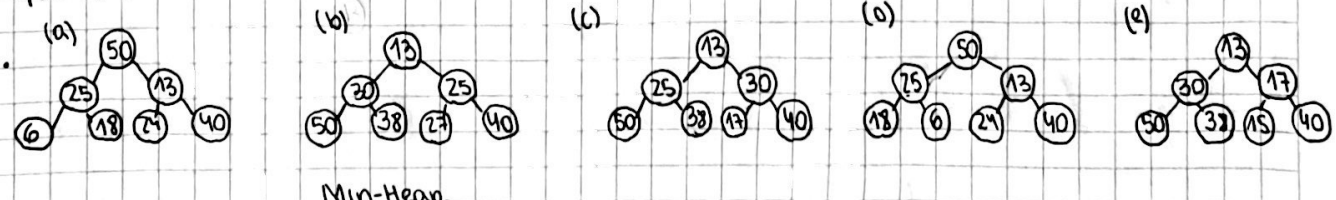
$\log_4 4^h = \log_4 64$

$h = 3 \Rightarrow$ Opción (b)

b. 15, 7, 55, 6, 33, 11, 13, 51, 23, 38, 9 ⇒ Opción (c)

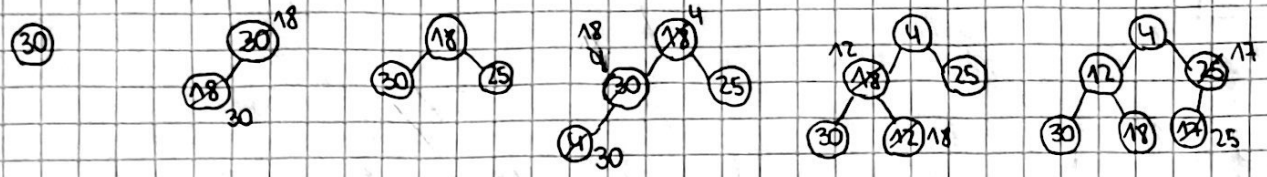
c. Opción (b)

d.

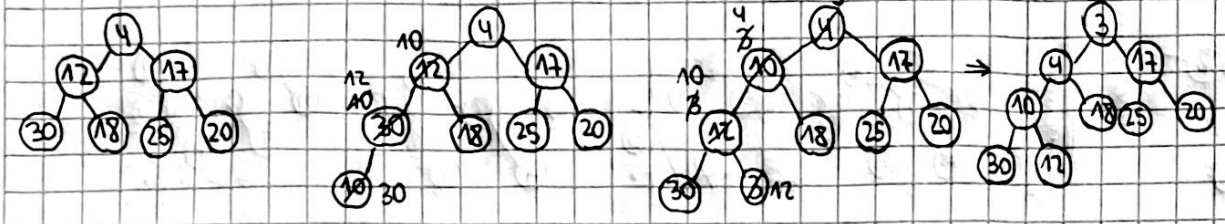


Ejercicio 4

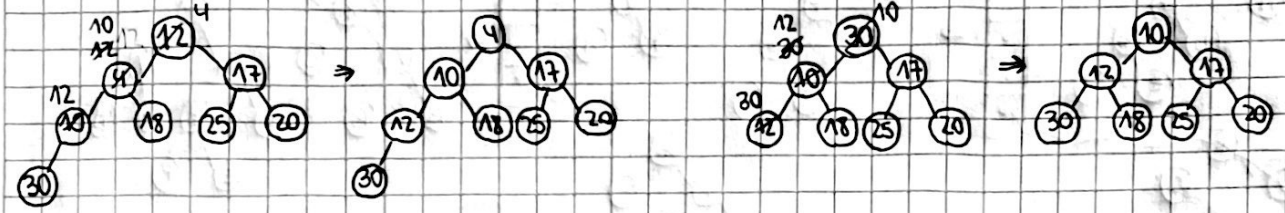
a. Insert(30) Insert(18) Insert(25) Insert(4) Insert(12) Insert(17)



Insert(20) Insert(10) Insert(3)



b. DeleteMin()



DeleteMin()