

Suponiendo que n>=1:

- Iter 1: T(n) = 9T(n-3)

- Iter 2: T(n) = 9\*(9T(n-3\*2)) = 9^2T(n-3\*2)

- Iter 3: T(n) = 9^3T(n-3\*3)

- Iter i: T(n) = 9^i T(n-3\*i)

- Caso base: n-3\*i = 0 -> n = 3\*i -> n/3 = i

Reemplazamos n en la iter i:

T(n) = 9^(n/3)\*T(n-n) = 9^(n/3)\*T(0)

T(n) =