$$T(n) \begin{cases} T(t) = 1 \\ T(n) = 2 T\left(\frac{n}{3}\right) + n - 1 \end{cases}$$

$$(\bot (3_{m-5}) - 5\bot (3_{m-3}) = 3_{m-5} - 7) 5_{5}$$

$$(\bot (3_{m-7}) - 5\bot (3_{m-5}) = 3_{m-7} - 7) 5_{7}$$

$$(\bot (3_{m}) - 5\bot (3_{m-7}) = 3_{m-7} - 7) 5_{7}$$

$$(T(3^{k}) - 2T(3^{k-1}) = 3^{k} - 1)^{m-k}$$
 $Q_{k}$ 
 $Q_{k} = 2^{m-k} T(3^{k})$ 

$$a_{\kappa} = 2^{m-\kappa} T(3^{\kappa})$$

$$a_n - a_0$$



