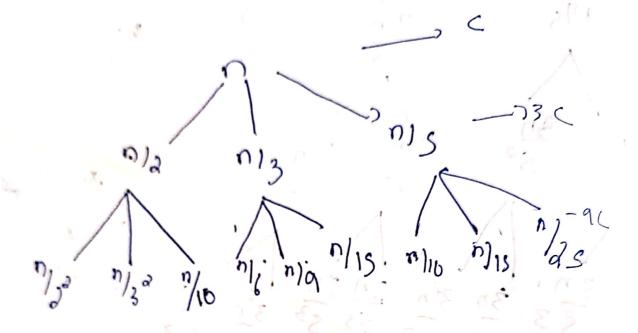
Assignment 35

$$T(n) = T(n/2) + T(n/3) + T(n/5) + C$$



$$\frac{n}{3}\kappa = 1 \qquad \frac{n}{3}\kappa = 1$$

$$n=3^{k}$$

$$\log_{8}n=x=2$$

=
$$i \left(\frac{3}{3} \right)^{2} + \left(\frac{3}{3} \right)^{2} +$$

$$S = a(3^{n-1})$$

$$= c \left(1 \left(3^{16} 9_{0}^{n} - 1 \right) \right)$$

$$= c \left(n^{10} 9_{0}^{3} - 1 \right)$$

$$= O(v_{J^{2}})$$