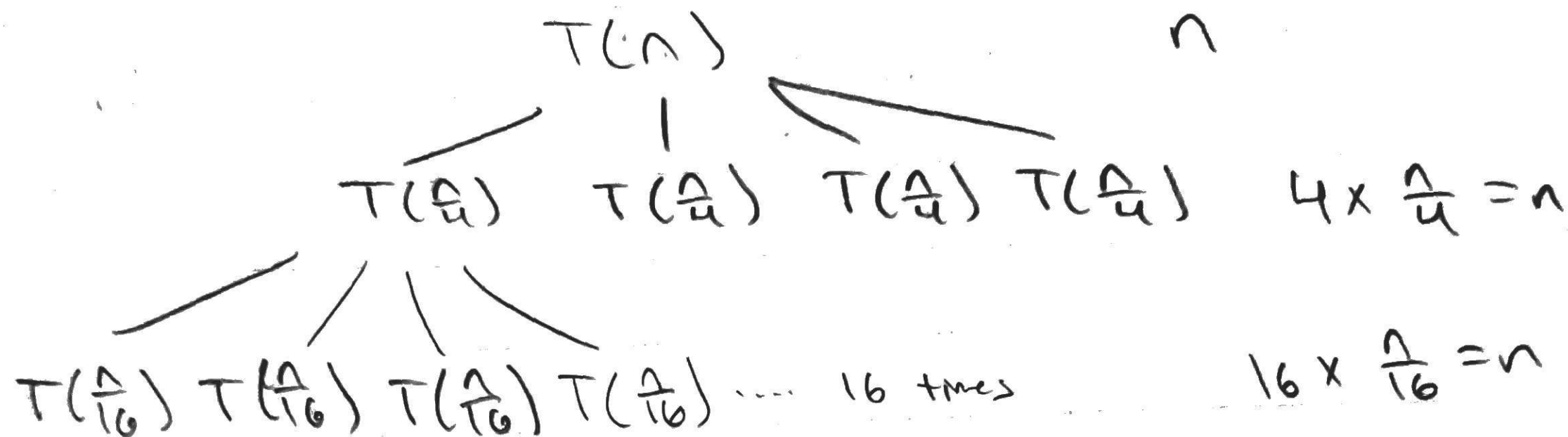


A.  $T(n) = 4T(\frac{n}{4}) + O(n)$



$$T(n) = (n + n + \dots + n) \log_4 n \text{ times}$$

$$T(n) = O(n \log_4 n)$$