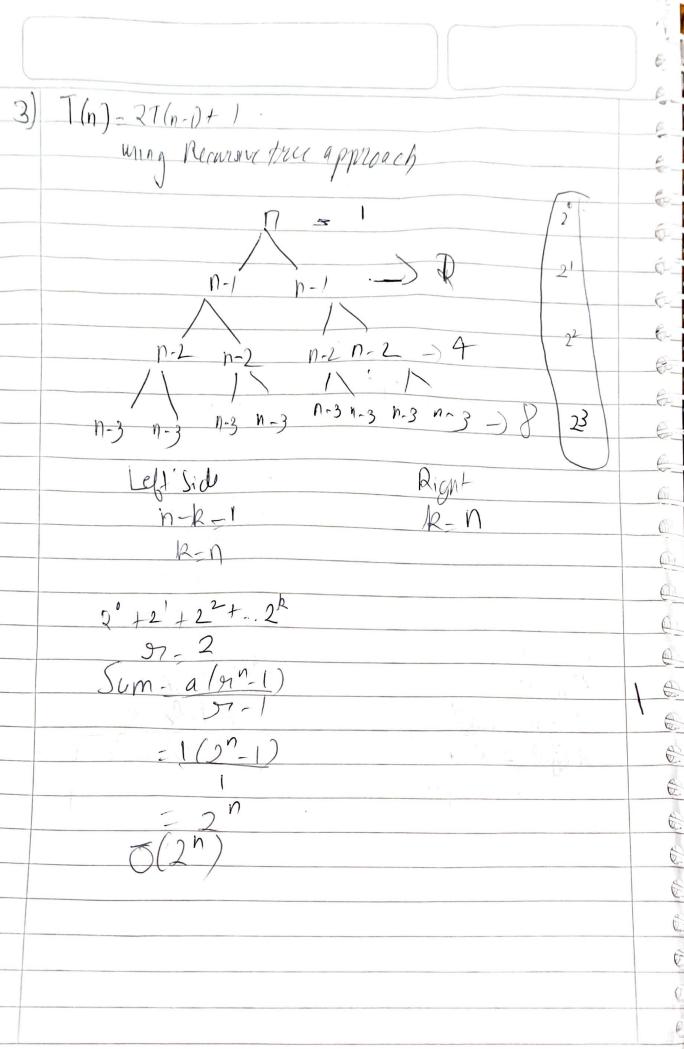
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 $T(n) = 2 \left[ 2 T(n) + n \right] + 0$  $\frac{3^{2}T(n)+2n}{4}+2n$   $\frac{-2^{2}T(n)+2n}{4}+2n$   $\frac{-2^{2}T(n)+2n}{4}+2n$   $\frac{-2^{2}T(n)+2n}{4}+2n$ 



T(2)=3T(1)+12+2-(UT(1)=3T(6)+12×1-62 T(0)=5 Substuite this in (2) T(1) - 31 3×5+12 subst this in (1)  $T(2) = 3 \times 27 + 24$ (2) = 105