1. Find the value of T(2) for the recurrence relation T(n) = 3T(n-1) + 12n, given that T(0)=5.
2. Given a recurrence relation, solve it using the substitution method:
   1. T(n) = T(n-1) + c
   2. T(n) = 2T(n/2) + n
   3. T(n) = 2T(n/2) + c
   4. T(n) = T(n/2) + c
3. Given a recurrence relation, solve it using the recursive tree approach:
4. T(n) = 2T(n-1) +1
5. T(n) = 2T(n/2) + n