# Time Complexity-Assignment

1. T(n)=3T(n/2) + n

Sol:

1. T(n) = 64 T(n/8) – logn

Sol: Does not apply (f(n) is not positive)

1. T(n) = 2nT(n/2) +

Sol: Does not apply as 2n is not constant.

1. T(n) = 3T(n/3) + n/2

Sol:

1. T(n) = 7T(n/3) +

Sol: )