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

Time complexity will be Θ(nlog23)

b) T (n) = 64T (n/8) − n^2(log n)

Time complexity will be O( n2log 1/n)

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

NA

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

Time complexity will be θ(nlogn)

1. .T (n) = 7T (n/3) + n^2

Time complexity will be ⊖(n^3)