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

**Solution**

T(n) is Big theta of n^( log of 2 to the base 3)

1. T (n) = 64T (n/8) − n^2(log n)

**Solution**

NA as masters theorem cannot be applied

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

**Solution**

NA as masters theorem cannot be applied

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

**Solution**

T(n) is Big theta of nlogn

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

**Solution**

T(n) is Big theta of n^2