**Find the time complexity of the below functions in Θ form. Write NA if the function does not apply to any case.**

**a) T (n) = 3T (n/2) + n 🡪 Θ (nlog3)**

**b) T (n) = 64T (n/8) − n^2(log n) 🡪 Does not apply ( f(n) is not positive)**

**c) T (n) = 2nT (n/2) + nn 🡪 Does not apply (a is not constant)**

**d) T (n) = 3T (n/3) + n/2 🡪 Θ (n log n)**

**e) .T (n) = 7T (n/3) + n^2 🡪 Θ (n2)**