1. 2 log n, n log n , √n, 4n 3/2 , 5n, n2 log n, n3, 2n  , 4n
2. O(n)
3. O(n) \* O(n) = O(n2)

True –

As n is bigger the whole thing increases

False -

2n : Exponential Increase but n2 is the number always multiplied by itself