

Question 6.

Algorithms Assignment 1

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$10 \log 300$, 17 , $2 \log_{10} 10^{200}$, 10^{200}
 $n + 7 \log(n^2)$
 $n \log n$
 $n^2 \log 300$, $n^2 + 7 \log n^2$, $n^2 + \sqrt{n}$, $10n^2 + 15n$, $n^2 - 5n$, $\frac{3n^8}{n^6}$
 $n^2 \log n$
 $15n^3 + n \log n$
 n^4 , $n^4 + n^2 + n^2 \log n$
 2^n
 3^{n^2}