Question 6.

Algorithms Assignment 1
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$10 \log 300$, 17, $2log_{10}10^{200}$, 10^{200}

$n + 7log(n^2)$

$nlogn$

$n^2log300$, $n^2 + 7logn^2$, $n^2 + \sqrt{n}$, $10n^2 + 15n$, $n^2 - 5n$, $\frac{3n^8}{n^6}$

n^2logn

$15n^3 + nlogn$

n^4, $n^4 + n^2 + n^2logn$

2^n

3^{n^2}