Question 6.

Algorithms Assignment 1

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```
\begin{array}{c} 10\log 300 \ , \ 17, \ 2log_{10}10^{200}, \ 10^{200} \\ n+7log(n^2) \\ nlogn \\ n^2log 300, \ 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} \end{array}
```