Problem 6:

- 17, 10log300, $2log_{10}(10^{200})$, 10^{200}
- $n + 7log(n^2)$
- nlogn
- (n-5)(n), $n^2 + \sqrt{n}$, $n^2 + 7log(n^2)$, $n^2log300$, $\frac{3n^8}{n^6}$, $10n^2 + 15n$
- $n^2 \log n$
- $15n^3 + nlogn$
- n^4 , $n^4 + n^2 + n^2 \log n$
- 2ⁿ
- 3^{n^2}