

**Problem Set 1**  
CPSC 311 Analysis of Algorithms  
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**The assignment is due next Wednesday, 09/13/2006, before class.**

Solve the following exercises from the lecture notes on Asymptotics:

- 1) Exercise 6
- 2) Exercise 7
- 3) Exercise 13
- 4) Exercise 20
- 5) Download and install the typesetting system  $\text{\LaTeX}$  on your computer (MikTeX is a good choice for Windows). For other systems, see the recommendations on [www.ctan.org](http://www.ctan.org).
- 6) Get familiar with  $\text{\LaTeX}$  – browse [lhort.pdf](#).
- 7) As a first exercise, type your solutions to Exercises 1)–4) in  $\text{\LaTeX}$ . You need to have experience with  $\text{\LaTeX}$  when you write your first paper.