Solve the following problems from the textbook:

1. Problem 3.9a
2. Problem 3.11a
3. Problem 3.12a (optional)
4. Problem 3.12e
5. Problem 3.12f (optional)
6. Problem 3.13b

Note: optional problems will give you bonus points towards your final homework grade. However, you can still get the maximum grade by correctly solving all the required homework.