The thirteen problems in this list are all highly recommended\(^1\). The problems you are asked to hand in are Nos. 3, 7, 5, 11 and 13.

**Problem 1.** Book, problems 2, page 88

**Problem 2.** Book, problems 4 and 5, page 88.

**Problem 3.** Book, problem 6, page 88.

**Problem 4.** Book, problem 7, page 88.

**Problem 5.** Book, problem 8, page 92.

**Problem 6.** Book, problem 9, page 92.

**Problem 7.** Book, problem 10, page 92.

**Problem 8.** Book, problem 11, page 92.

**Problem 9.** Book, problem 12, page 92.

**Problem 10.** Book, problem 13, page 92.

**Problem 11.** Book, problem 14, page 92.


**Problem 13.** Book, problem 17, page 93.

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\(^1\)It is hard to give a precise definition of what it means for a problem to be “highly recommended”. But here is a simple necessary condition that you might find helpful: If a problem is highly recommended, then it has a very good chance of showing up as a question in the final exam.