Problems from the text:
   Chapter 1 (pages 41–50): 7, 8, 9, 12, 16abc, 19, 25, 31, 32, 38, 39, 33a∗

   Write up solutions for all problems except the starred one (33a∗) which is just for extra fun. You need to write clearly and your solutions should be proofs based on the definitions and theorems in the text. This doesn’t mean they must be very long and detailed, just that all of the steps have to be present and clearly explained.

   Not all problems will be graded (but I am not saying which ones will be !). Some hints may appear later on the web page version of this assignment.