

Exercises for Week 1

The work handed in should be entirely your own. You can consult the textbook and/or the class notes but nothing else. To receive full credit, justify your answer in a clear and logical way. Due Sep. 4 in class.

Reading. Read Sections 1.1-1.3 of the textbook carefully. The numbering below refers to the 4th edition of the textbook.

1. Section 1.1 Exercise 1 (a), (c). 4
2. Section 1.2 Exercise 1, 4 (b), (d), (f), (g). 9 (Prove Corollary 2 only.), 17
3. Section 1.3 Exercise 1, 10, 18.