

## Problem Set 3

**Due: At the Beginning of Class on Friday, October 17**

Work all of the following problems. A subset of the problems will be graded. Be sure to adhere to the expectations outlined on the sheet *Guidelines for Problem and Quiz Sets*. All exercises are from the textbook *Proofs and Fundamentals* (Second Edition) by Ethan D. Bloch.

- Exercise 3.5.3
- Exercise 3.5.4
- Exercise 3.5.7 (1)
- Exercise 4.1.1
- Exercise 4.1.5
- Exercise 4.1.6
- Exercise 4.1.8