PROBLEM SET 8

- **Problem 1.** Exercises 4.1.11 and 4.1.13 on page 93.
- **Problem 2.** Exercises 4.1.19, 4.1.20, and 4.1.21 on page 95.
- **Problem 3.** Exercises 4.2.8 and 4.2.9 on page 97.
- **Problem 4.** Exercise 4.2.20 (a) and (c) on page 101.
- **Problem 5.** Exercise 4.2.22 (c) and (d) on page 101.
- **Problem 6.** Exercises 4.3.4, 4.3.5, and 4.3.6 on pages 102 and 103.
- **Problem 7.** Exercises 4.3.8 and 4.3.9 on page 104.
- **Problem 8.** Exercises 4.4.6 through 4.4.9 on page 106.