Due on Friday, February 18, before class. Please use the cover sheet and staple it your homework submission.

Before attempting these exercises, make sure that you have read Sections 1.7 and 2.1–2.3 carefully.

**Problem 1** Section 1.5, Exercise 24, page 74

**Problem 2** Section 2.1, Exercise 8, page 120

**Problem 3** Section 2.1, Exercise 18, page 120

**Problem 4** Section 2.1, Exercise 22, page 120

**Problem 5** Section 2.1, Exercise 32, page 120

**Problem 6** Section 2.2, Exercise 4, page 130

**Problem 7** Section 2.2, Exercise 16, page 131

**Problem 8** Section 2.2, Exercise 48, page 131

**Problem 9** Section 2.3, Exercise 12, page 146

**Problem 10** Section 2.3, Exercise 14, pages 146–147

Prepare for the midterm exam by studying chapters 1, 2, 3, and 8, and the lecture notes.