Eleventh Homework: MATH 410
Due Tuesday, 17 November 2009

1. Exercise 1 of Section 6.1 in the text.
2. Exercise 3 of Section 6.1 in the text.
3. Exercise 6 of Section 6.1 in the text.
4. Exercise 7 of Section 6.1 in the text.
5. Exercise 2 of Section 6.2 in the text.
6. Exercise 4 of Section 6.2 in the text.
7. Exercise 6 of Section 7.3 in the text.
8. Exercise 10 of Section 7.3 in the text.
10. Prove the last assertion of Lemma 1.3 in the notes.
11. Prove Theorem 1.4 in the lecture notes.
12. Prove Theorem 1.5 in the lecture notes.