## MATH 321: HOMEWORK 10 DUE FRIDAY, APRIL 25 BY 11:00PM

- **Problem 1.** Do exercise 13.9 from the textbook (page 161).
- **Problem 2.** Do exercise 13.10 from the textbook (page 161).
- **Problem 3.** Do exercise 13.11 from the textbook (page 161).
- **Problem 4.** Do exercise 13.14 from the textbook (page 161).

**Problem 5.** Do exercise 13.16 from the textbook (page 161). [You can prove this directly, or follow the strategy in exercise 13.17.]