Math 165: Homework 6

Please complete the following exercises below and write up your solutions consistent with the directions in the syllabus. Your solutions are due on Thursday, April 24th at 10:00AM in the appropriate box outside my office door. If you get stuck on any part of the homework, please come and see me. More importantly, have fun!

Exercise 1. In Introduction to Mathematics by Scott A. Taylor, do Exercise 7.6.

Exercise 2. In Introduction to Mathematics by Scott A. Taylor, do Exercise 7.7.

Exercise 3. In Introduction to Mathematics by Scott A. Taylor, do Exercise 7.15. Don't worry about showing antisymmetry and also don't worry about doing (11).

Exercise 4. In Introduction to Mathematics by Scott A. Taylor, do Exercise 7.27.

Exercise 5. In Introduction to Mathematics by Scott A. Taylor, do Exercise 7.31.

Exercise 6. In Introduction to Mathematics by Scott A. Taylor, do Exercise 7.38.

Exercise 7. In Introduction to Mathematics by Scott A. Taylor, do Exercise 7.55.

Exercise 8. In Introduction to Mathematics by Scott A. Taylor, do Problem 4 in Section 7.10.

Exercise 9. In Introduction to Mathematics by Scott A. Taylor, do Problem 6 in Section 7.10.

Exercise 10. In Introduction to Mathematics by Scott A. Taylor, do Problem 10 in Section 7.10.