## Math 2001 Assignment 24

## Your name here

October 20, 2014

**Problem 1.** Scheinerman,  $\S14$ , #1. Note that two numbers have the same parity if and only if they are either both even or are both odd. No justification required.

Problem 2. Scheinerman, §14, #3abe. No justification required.

Problem 3. Scheinerman, §14, #4acdf. No justification required.

**Problem 4.** Scheinerman,  $\S14$ , #6

**Problem 5.** Scheinerman,  $\S14$ , #12. Your answer can be one symbol long. No justification required.

**Problem 6.** Scheinerman,  $\S14$ , #17. You can scan your pictures or hand in a page in class.