

# Math 2001 Assignment 40

Your name here

Due Friday, December 5

**Reading 1.** Scheinerman, §17

**Problem 2.** Scheinerman, §16, #2

**Problem 3.** Scheinerman, §16, #3

**Problem 4.** Scheinerman, §16, #11

**Problem 5.** (i) How many partitions with 2 parts, each of size 3, can be made from a set with 6 elements?

(ii) How many partitions with 3 parts, each of size 3, can be made from a set with 9 elements?