

# Math 310

Homework due 02/27/08

**Reading:** Preface for the student. Chapter 1. Chapter 2. Chapter 3: The principle of induction, Strong induction. Chapter 4: Bijections. Injections and Surjections. Composition of functions.

**Problems:** 4.12, 4.18, 4.19, 4.20, 4.22, 4.25 (a,b,c).