

## HOMEWORK 1, DUE WEDNESDAY JANUARY 18TH

All numbers refer to Herstein.

1. Chapter 4, Section 1: 2, 8, 10, 14, 15, 19, 20, 22.
2. Chapter 4, Section 2: 2, 3, 8.
3. **Challenge Problems** Chapter 4, Section 1: 33, 36, 40.