

# Homework 15

Math 220 (section 906), Fall 2018

This homework is due on TUESDAY, December 4. (Turn in your answers to questions 1–6.) You may cite results from class, as appropriate.

0. (*This problem is not to be turned in.*) Read Sections 6.5, 7.2, and 8.1–8.3.
1. Write the addition and multiplication tables for  $\mathbb{Z}_{10}$ .
2. Section 6.5 #4
3. Section 7.2 #2(a,b,f), 4(a,f)
4. Section 8.1 #4, 5, 7
5. Section 8.2 #6
6. Section 8.3 #17