

# Homework 12

Math 220 (section 906), Fall 2018

This homework is due on Thursday, November 15. You may cite results from class, as appropriate.

0. (*This problem is not to be turned in.*) Read Sections 6.3 and 7.1.
1. *Prove or disprove:* Let  $a$  and  $b$  be integers. If  $10|ab$ , then  $10|a$  or  $10|b$ .
2. Section 6.3 # 3, 5, 9
3. Section 7.1 # 1, 2