

## Exercises for Week 6

The work handed in should be entirely your own. You can consult the textbook and/or the class notes but nothing else. To receive full credit, justify your answer in a clear and logical way. Due Oct. 28.

**Reading.** Read Sections 2.4–2.5 of the textbook carefully.

1. Section 2.4 Exercise 20, 22.
2. Section 2.5 Exercise 1, 2 (a), (c), 5, 7, 8 (write out our proof of theorem clearly and make sure you get the  $P \rightarrow Q$  and their inverses right), 10, 11.