

## MATH 461/661 Homework 5

**Due Thursday, February 26, 2015 at the beginning of lecture.**

In order to receive full credit, you must (1) present the solutions in the order of the assigned problems, (2) write or type legibly, and (3) justify your answers appropriately.

1. **3.3.1(a)**
2. **3.3.6**
3. **3.3.7**
4. **3.3.11**
5. **3.4.2**
6. **3.4.6**
7. **3.4.7**
8. **3.4.17**
9. **3.4.18**
10. **3.5.6**
11. **3.5.10**
12. **3.5.11**

**Reminder:** For problems with answers given in the back of the text, **show your work!**