

Math 2310 – Homework 6  
Due: October 25 (beginning of class)

**Read:**

Read §3.5, §3.6, and §4.1 from the textbook. I recommend that you attempt to solve the “Worked Examples” before looking at the provided solutions.

---

**Turn in:**

§3.5: 2, 13, 15, 22, 26, 43, 45.

§3.6: 2, 18, 24, 26.

§4.1: 6, 7, 9, 19, 24, 30.

---

**Notes:**

- (i) I strongly encourage you to work extra problems from the book on your own.
- (ii) *Collaboration*: On the homework sets, collaboration is both allowed and encouraged. However, you must write up yourself and understand your own homework solutions. You should give credit to any outside sources or collaborations.
- (iii) *Academic honesty*: All students are expected to comply with the Code of Academic Integrity. The institute honor code is available at:  
[www.theuniversityfaculty.cornell.edu/AcadInteg/code.html](http://www.theuniversityfaculty.cornell.edu/AcadInteg/code.html)
- (iv) Please turn in your homework **in class**. If there are multiple pages, please **staple** them. Emailed homework will **not** be accepted unless you have a special reason, and you have discussed your situation with me a priori. In that case, please send a single .pdf file, put your name on all pages, and make sure to number the pages.