

**UH - Math 4377 - Dr. Heier - Spring 2010**  
**HW 12– due 04/29 at the beginning of class**  
This is the final HW set for this course.

1. Section 5.1, Problem 20
2. Section 5.2, Problem 1 (a)-(g) (You don't have to justify your answer.)
3. Section 5.2, Problem 2 (a)-(b)
4. Section 5.2, Problem 2 (c)-(d)
5. Section 5.2, Problem 2 (e)
6. Section 5.2, Problem 2 (f)
7. Section 5.2, Problem 2 (g)
8. Section 5.2, Problem 7
9. Section 5.2, Problem 8
10. Section 5.2, Problem 12
11. (**extra credit**) Section 5.2, Problem 13

**Note:** The final exam will take place on Tuesday, May 11, from 11am-2pm in our usual classroom SR 128. No notes, books, calculators etc. are allowed. Paper will be provided; all you need is a pen. The exam will cover the entire semester. However, topics that we discussed after the midterm exam will be given more weight. A sample exam will be given out at some point during the last week of class.

My last regular office hour will be on Tuesday, May 4, 1-2pm. I will hold extended pre-exam office hours on Thursday, May 6, 2-5pm and Monday, May 10, 2-5pm.