

UH - Math 4377/6308 - Dr. Heier - Fall 2010
HW 12
Due 12/01, at the beginning of class.

This is the final homework set for this course.

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

Note: The final exam will take place on Dec. 13, 2010, 11am-2pm in our regular classroom. 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 final exam from Spring 2010 can be found at http://www.math.uh.edu/~heier/teaching_spring_2010.html . The purpose of the sample exam is to give a rough idea of the length and scope that the final exam will have. It is not meant to be a definitive guide as to what topics will occur.

My last regular office hour will be on Friday, Dec. 3, 11am-12noon. I will hold extended pre-exam office hours on Monday, Dec. 6, 2pm-5pm and Friday, Dec. 10, 11am-4pm. At times other than these, you may contact me by email to see if I can arrange to meet with you.