

UH - Math 4377/6308 - Dr. Heier - Fall 2012  
HW 12 (This is the final HW set.)  
Due 11/05, at the beginning of class.

Use regular sheets of paper, stapled together.  
Don't forget to write your name on page 1.

1. ( $\frac{1}{2}$  points) Section 5.1, Problem 1 (You don't have to justify your answer.)
2. (1 point) Section 5.1, Problem 15(a)
3. (1 point) Section 5.1, Problem 18
4. (1 point) Section 5.1, Problem 20
5. ( $\frac{1}{2}$  points) Section 5.2, Problem 1 (a)-(g) (You don't have to justify your answer.)
6. (3 points) Section 5.2, Problem 2
7. (1 point) Section 5.2, Problem 7
8. (1 point) Section 5.2, Problem 8
9. (1 point) Section 5.2, Problem 12
10. (1 extra credit point) Section 5.2, Problem 13