

**UH - Math 6302 - Dr. Heier - Fall 2013**

**HW 2**

**Due 10/07, at the beginning of class.**

**Use regular sheets of paper, stapled together.**

**Don't forget to write your name on page 1.**

1. (1 point) Section 3.5, Problem 4
2. (1 point) Section 4.1, Problem 1
3. (1 point) Section 4.1, Problem 3
4. In your own words, give a complete proof of Corollary 9 on page 125, including the proof of the exercise cited.
5. (1 point) Section 4.3, Problem 1
6. (1 point) Section 4.4, Problem 1
7. (1 point) Section 4.4, Problem 2
8. (1 point) Section 4.5, Problem 1
9. (2 points) Section 4.5, Problem 14