

UH - Math 4377/6308 - Dr. Heier - Fall 2011  
HW 8  
Due 10/19, at the beginning of class.

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

1. (2 points) Section 2.6, Problem 2
2. (2 points) Section 2.6, Problem 3(a)
3. (2 points) Section 2.6, Problem 4
4. (2 points) Section 2.6, Problem 8
5. (2 points) Section 2.6, Problem 20 (You may assume that  $V$  and  $W$  are finite-dimensional.)
6. (1 extra credit point) Section 2.6, Problem 11