UH - Math 6302 - Dr. Heier - Fall 2013
HW 1
Due 09/18, 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 1.1, Problem 9

2. (1 point) Prove that the order of the symmetric group S_n is $n!$.

3. (1 point) Section 1.7, Problem 14

4. (1 point) Section 1.7, Problem 16

5. (1 point) Section 2.1 Problem 6

6. (1 point) Section 2.2 Problem 6

7. (1 point) Section 2.4, Problem 14

8. (3 points) Section 3.2, Problem 9