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

1. (1 point) Section 4.1, Problem 1e,f,g,h (disregard the part "...and find the orbits of each permutation.")

2. (1 point) Express each permutation in the previous Problem as a product of transpositions.

3. (1 point) Section 4.1, Problem 9a,b,c

4. (1 point) Section 4.1, Problem 15

5. (1 point) Section 4.2, Problem 1

6. (1 point) Section 4.2, Problem 2

7. (1 point) Section 4.2, Problem 3

8. (3 points) Section 4.2, Problem 9