Academic Honesty Policy. Academic honesty is strictly enforced on quizzes, exams, and other aspects of this course. Academic dishonesty will result in a failing grade in the class and a letter in the student's file. Activities constituting academic dishonesty include:

**Cheating**
- Copying from others during an examination.
- Communicating exam answers with other students during an examination.
- Offering another person's work as one's own.
- Taking an examination for another student or having someone take an examination for oneself.
- Tampering with an examination after it has been corrected, then returning it for more credit.
- Using unauthorized materials, prepared answers, written notes, or concealed information during an examination.

**Dishonest Conduct**
- Stealing or attempting to steal an examination or answer key from the instructor.
- Allowing another student to copy off of one's own work during a test.

**Collusion**
- Any student who knowingly or intentionally helps another student perform any of the above acts is subject to discipline for academic dishonesty.

I understand and will abide by this academic honesty policy: ____________________________ (signature)

1. Write the missing reactants or products in the boxes. If NO REACTION OCCURS, write NR. (4 pts)

   ![Diagram](image1)

2. Draw the products and indicate the stereochemistry of the products. (Smith 7.64a, 2 pts).

   ![Diagram](image2)

3. When a single compound contains both a nucleophile and a leaving group, an intramolecular reaction may occur. With this in mind, draw the product. (Smith 7.70a, 2 pts).

   ![Diagram](image3)

4. Write a mechanism for the Arbuzov reaction using curved-arrow notation. (HINTS: 2 steps. P is below N in the periodic table. 2 pts)

   ![Diagram](image4)