

### Quiz 3e

Name:

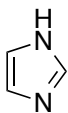
Signature:

Instructor:

The following quiz will start 5 minutes into the recitation and you will have 30 minutes to complete. Good Luck!

1. Are the following molecules aromatic, antiaromatic, or non-aromatic, and briefly explain (4 points each)

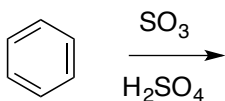
1a.



1b.



2. Predict the product of the following reaction and show a mechanism(6 points)



3. What is the major diastereomer of the following Claisen Rearrangement. Explain the diastereoselectivity using illustrative figures where appropriate (6 points)

