

Quiz 3b

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)

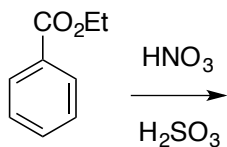
1a.



1b.



2. What are the product(s) of the following reaction, and explain the regioselectivity (6 points)



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

