

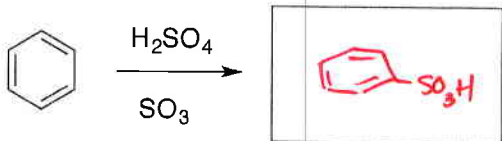
Organic II (Quiz 3A)

Name: *ICG*

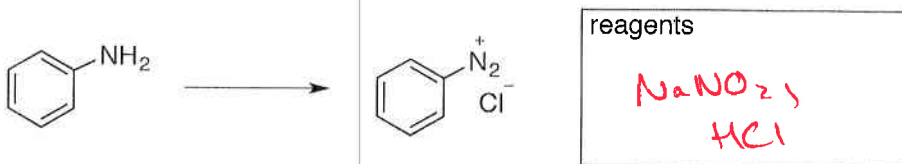
Recitation Instructor:

The following quiz will start 5 minutes into the class and last 30 minutes. Good luck!

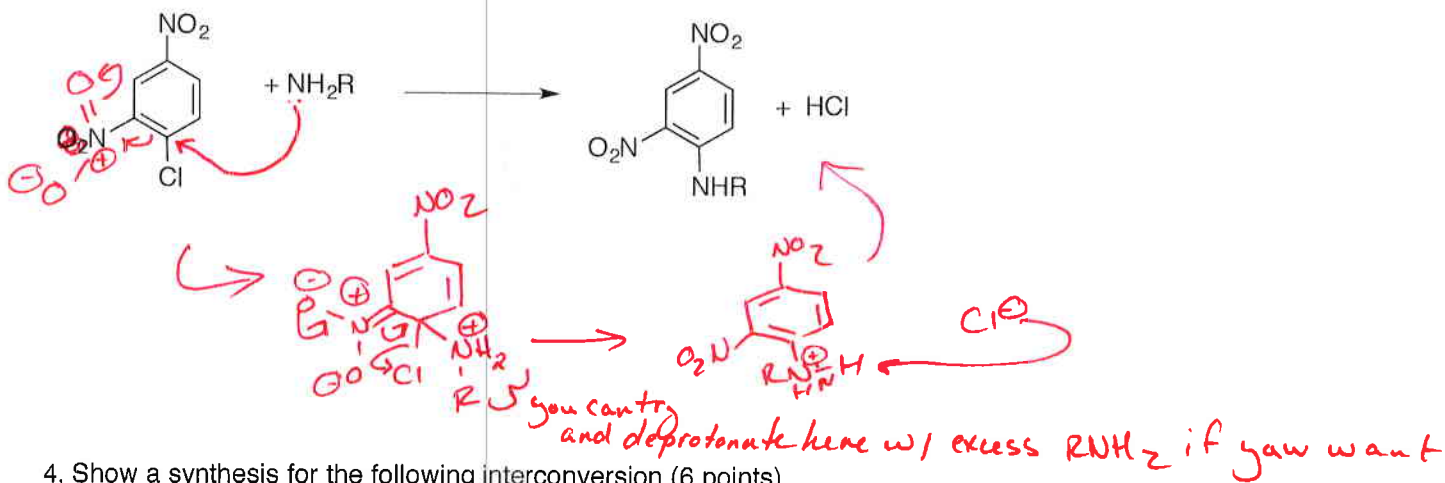
1. Show the product of the following reactions (4 points)



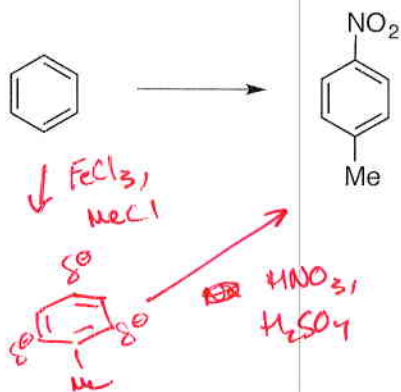
2. Show the reagents necessary for the following reaction (4 points)



3. Show the mechanism for the following transformation (6 points)



4. Show a synthesis for the following interconversion (6 points)



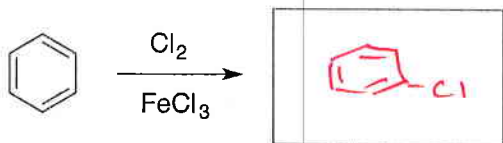
Organic II (Quiz 3B)

Name:

Recitation Instructor:

The following quiz will start 5 minutes into the class and last 30 minutes. Good luck!

1. Show the product of the following reactions (4 points)

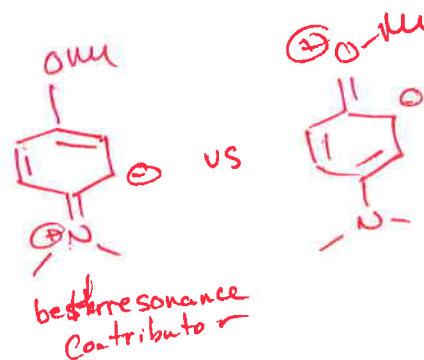
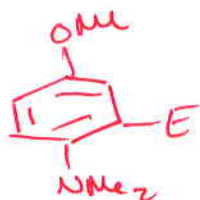
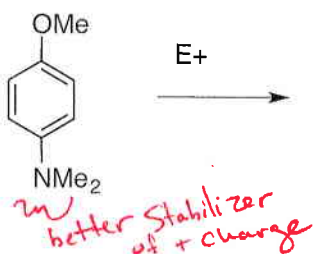


2. Is the following compound aromatic, antiaromatic or neither. Explain your answer (4 points)



antiaromatic
 $4n+2 = \text{aromatic}$
 $4n = \text{antiaromatic}$
 $4(2) = 8$

3. Using mechanisms where appropriate, predict which position of the following molecules would be more likely to form (6 points)



4. Show a synthesis for the following interconversion (6 points)

