

Name: \_\_\_\_\_

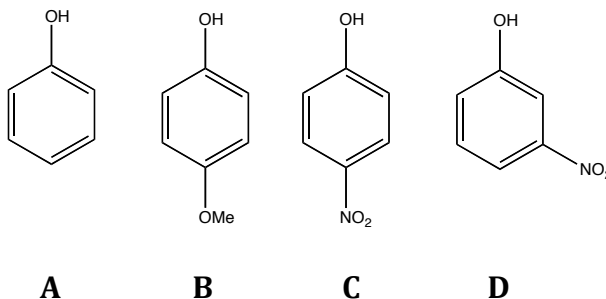
February 18, 2011

SID: \_\_\_\_\_  
Chem 30C

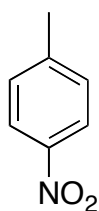
Discussion Section: 9:00am 11:00am 12:00pm  
(please circle)

Quiz 2

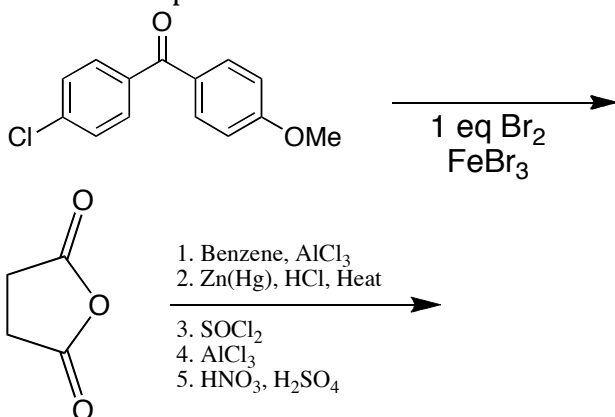
1. Predict the trend in acidity for the following substituted phenols. Rank by increasing acidity and explain.



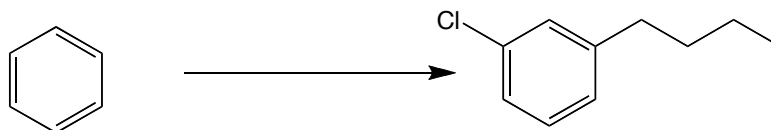
2. Name the following using IUPAC nomenclature:



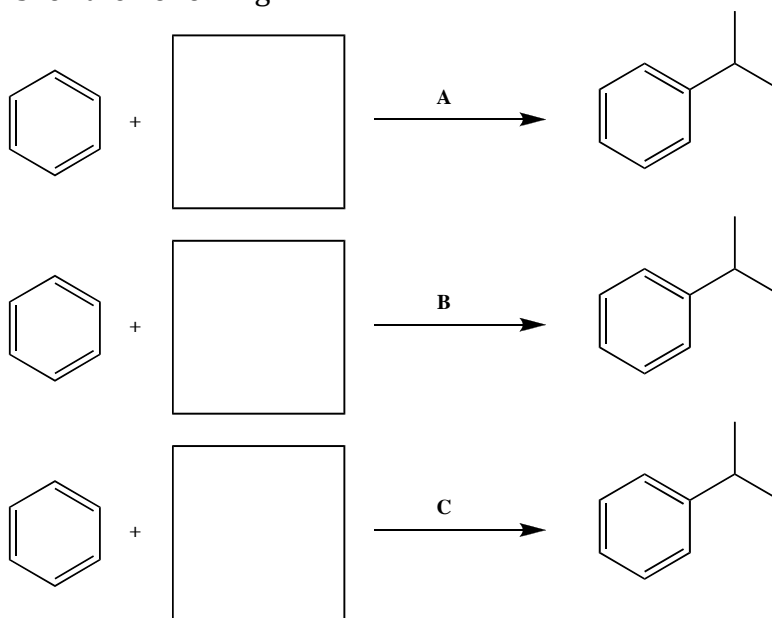
3. Provide the compound for each transformation:



4. Devise a reasonable synthesis for the following compounds from reagents you are familiar with and the starting material provided.



5. Provide Conditions for the Following:



6. Propose a detailed mechanism to explain the following reactions:

