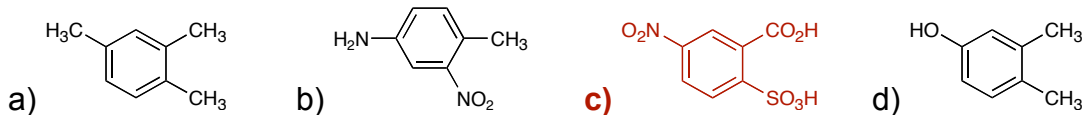
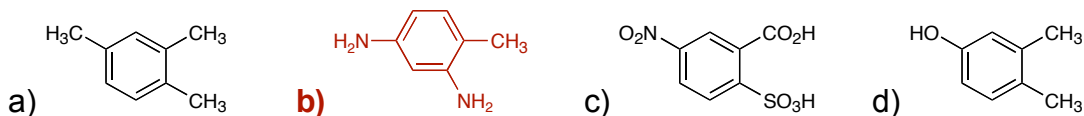


3 Points Each. Please mark your answers on the scantron sheet. You may keep this copy.

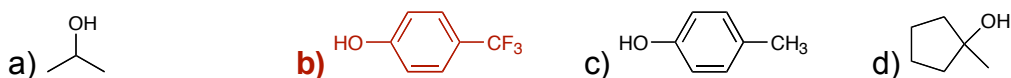
1. Which of the following would be LEAST reactive for electrophilic aromatic substitution?



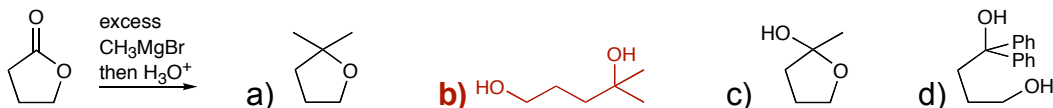
2. Which of the following would be MOST reactive for electrophilic aromatic substitution?



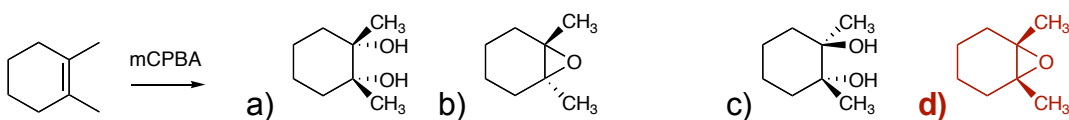
3. Which of the following alcohols would have the lowest pK_a ?



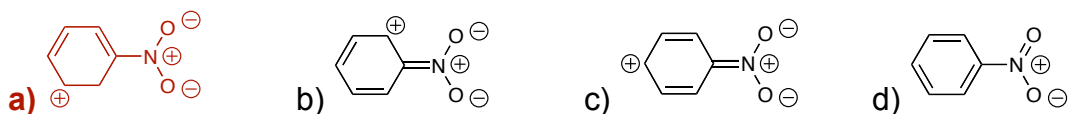
4. What is the product of methyl magnesium bromide, with the following ester?



5. Which product is the result of reaction of mCPBA with 1,2-dimethylcyclohexene?



6. Which of the following is NOT a valid resonance form for nitrobenzene?



7. What is the product of the following reaction?

