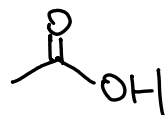
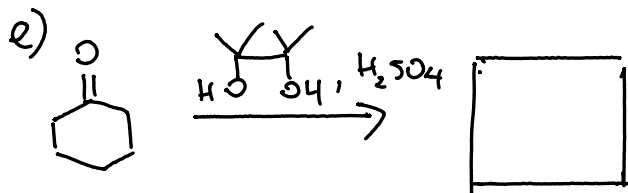
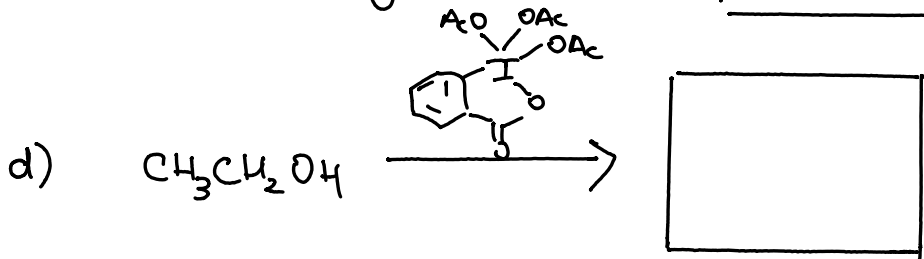
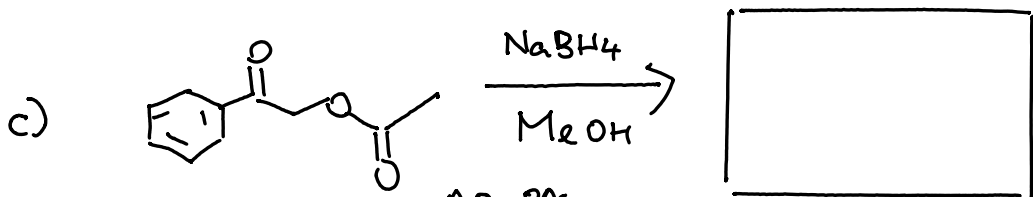
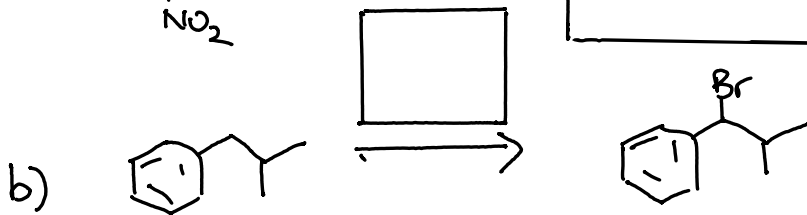
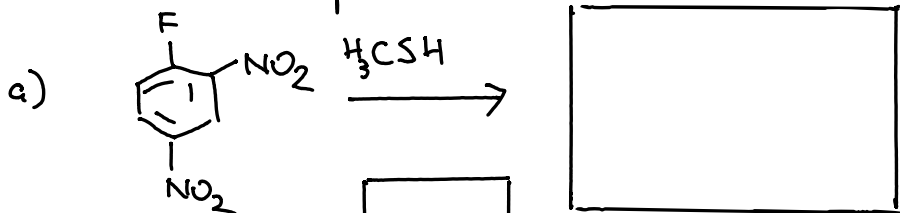
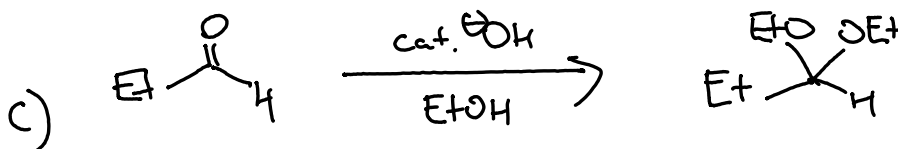
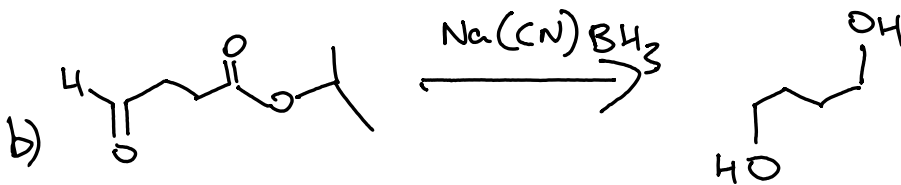
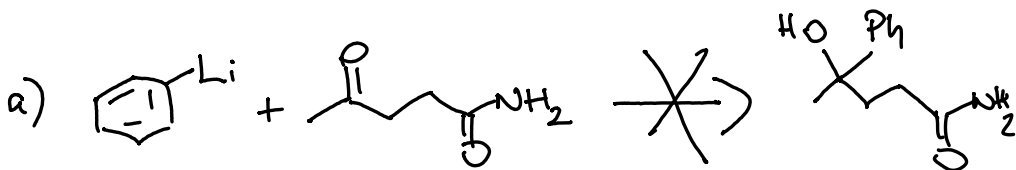


Chem 436- Practice Midterm 1

1. Fill in the reagents or products in the boxes provided



2. Explain in one to two sentences why the following reactions would not yield the desired products.



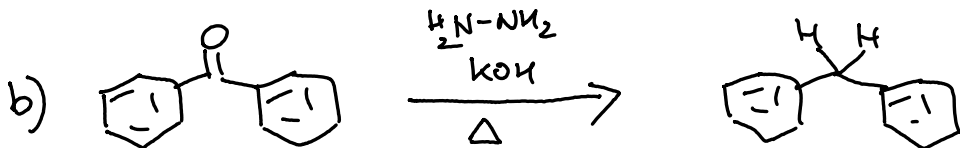
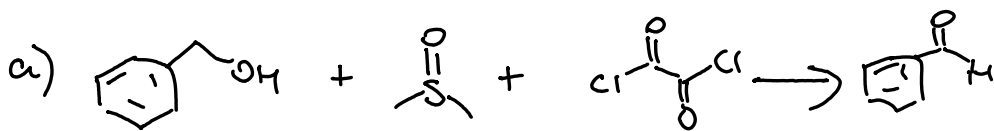
3. Arrange the following carbocations in order of increasing stability.



4. Arrange in order of increasing reactivity towards LiAlH_4 reduction.



5. Draw the arrow pushing mechanism for the following reactions.



6. Propose a synthesis for the following products using the starting material that is provided

