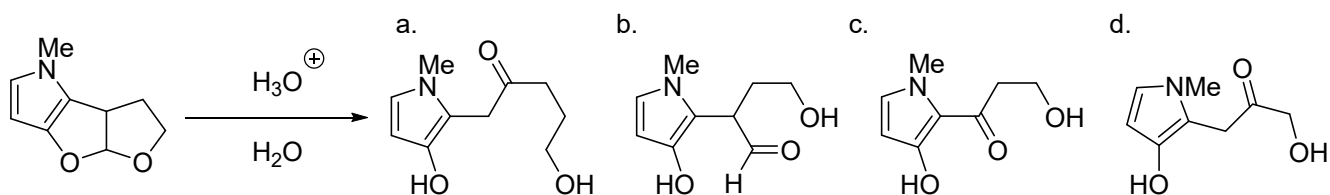


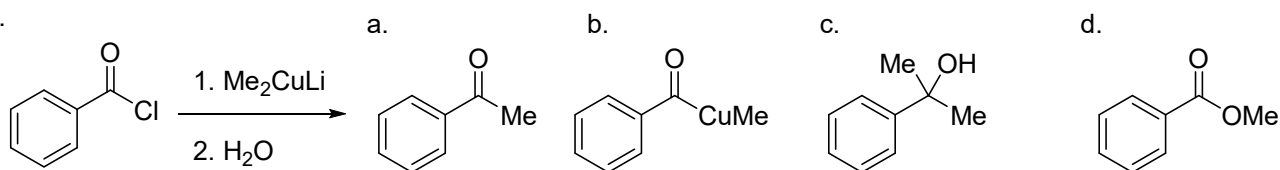
Name: _____

1. Circle the product for the following reactions. (2 points)

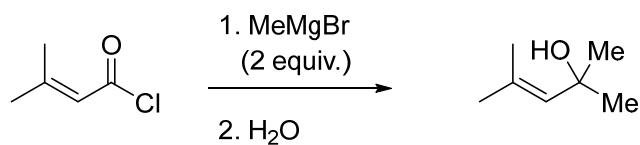
i.



ii.



2. Provide a mechanism to account for the following reaction. (4 points)



3. a. Provide a mechanism to account for the following reaction.
 b. Explain why the reaction occurs regioselectively at the primary alcohol. (4 points)

