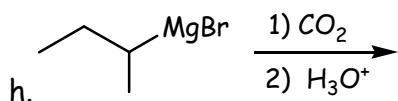
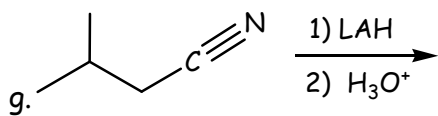
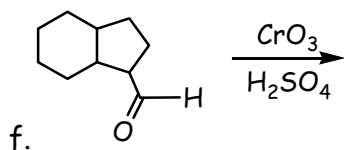
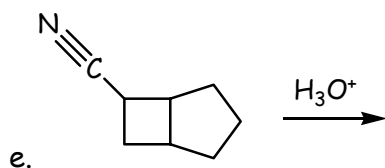
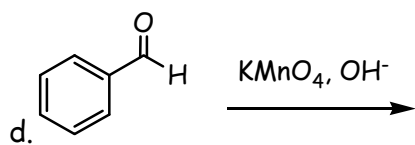
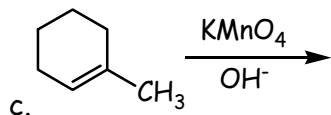
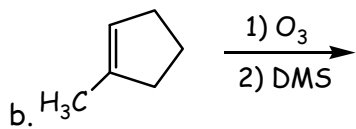
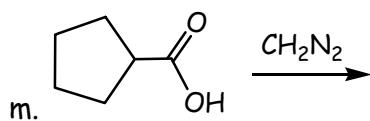
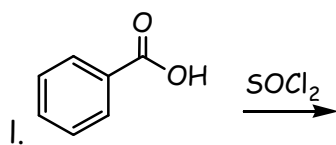
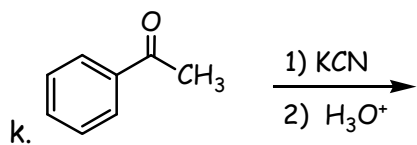
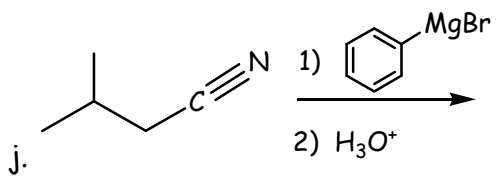
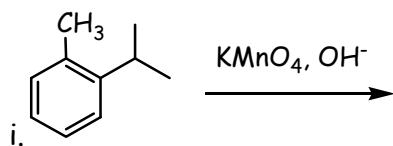


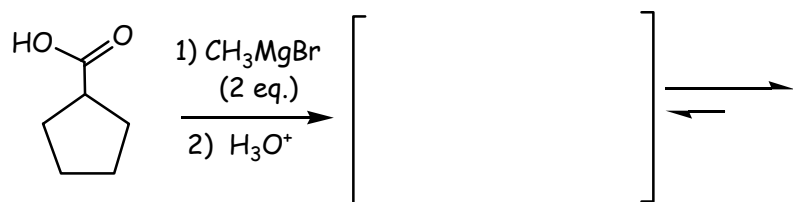
NAME _____

1. Draw the product of

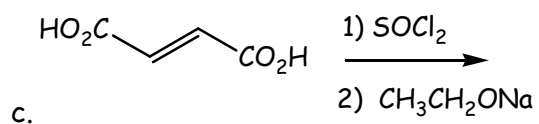
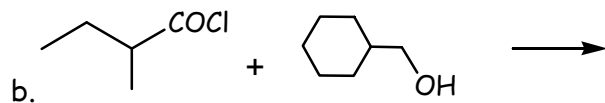
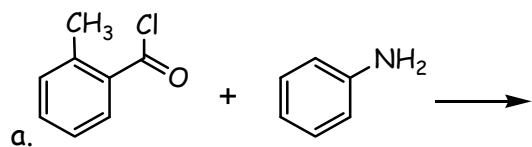




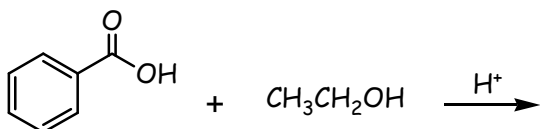
2. Draw the hydrate intermediate and final product:



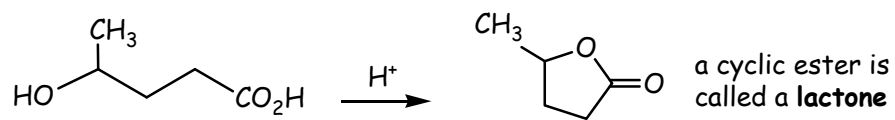
3. Conversion of acid chlorides into other acid derivatives. Draw the product:



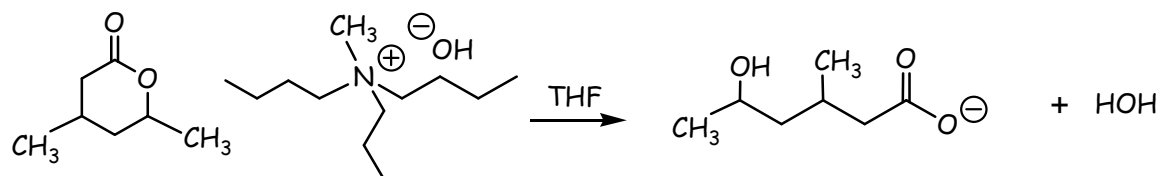
4. Draw the mechanism for Fischer esterification:



5. Draw the mechanism for the formation of the lactone shown below:



6. Draw the mechanism for saponification:



7. Complete the multistep synthesis by drawing the missing intermediates and/or reagents:

