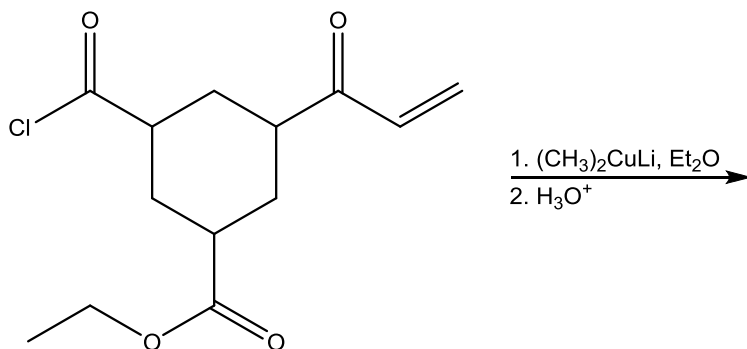


## Acyl Halides

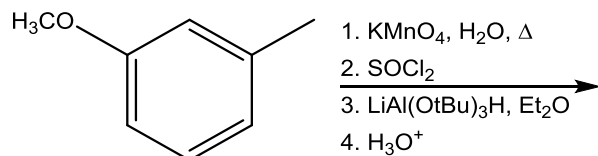
Hydrolysis, Alcoholysis, Aminolysis/Ammonolysis, Alkylation, Hydride Reduction

Ex. 1: Predict the major product for the following:

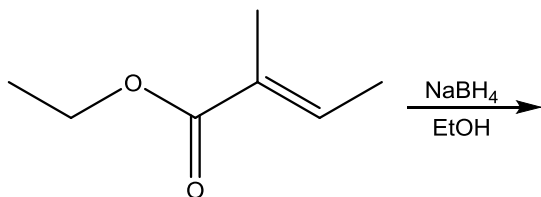
a)



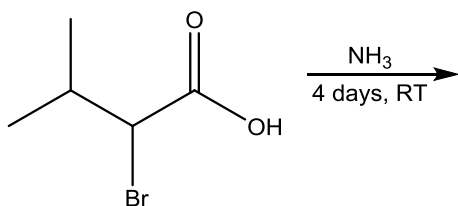
b)



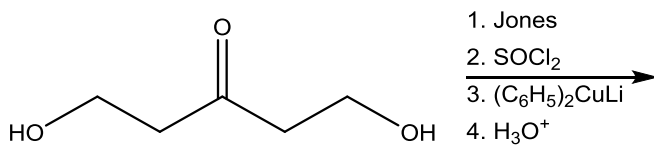
c)



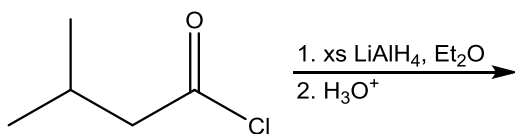
d)



e)

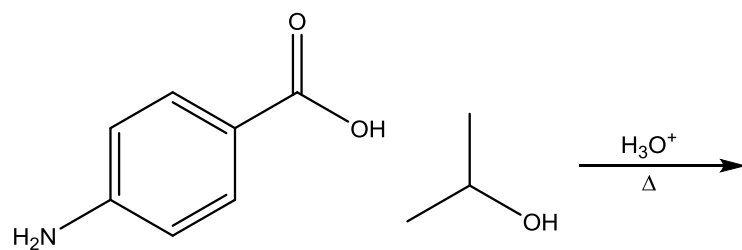


f)

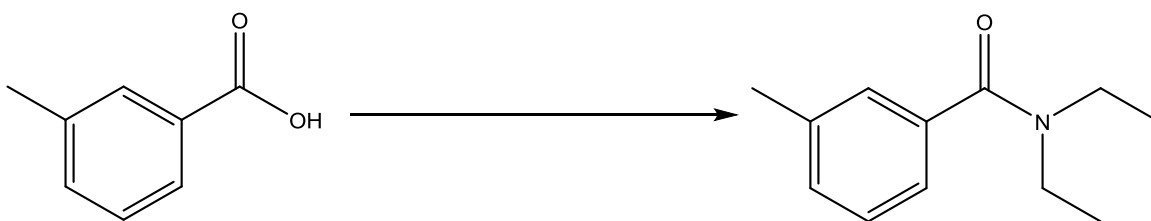


**Acyl Halides**

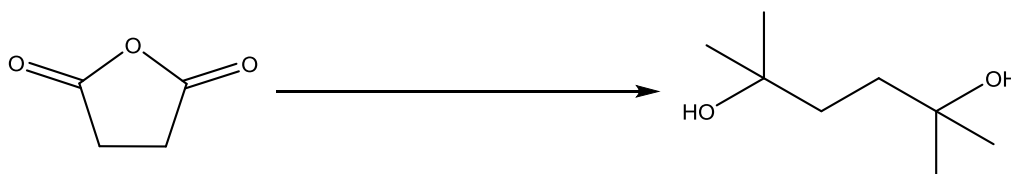
g)

**Ex. 2:** Propose a synthesis for the following transformations:

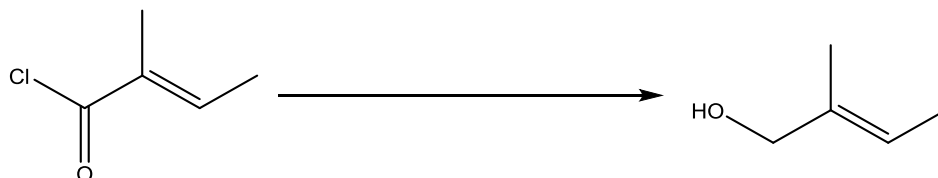
a)



b)



a)

**Ex. 3:** Predict the products and propose a mechanism for the following transformations: