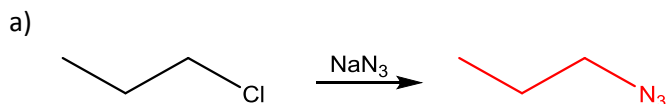
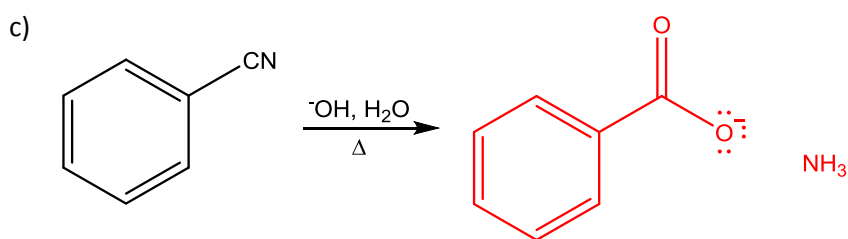
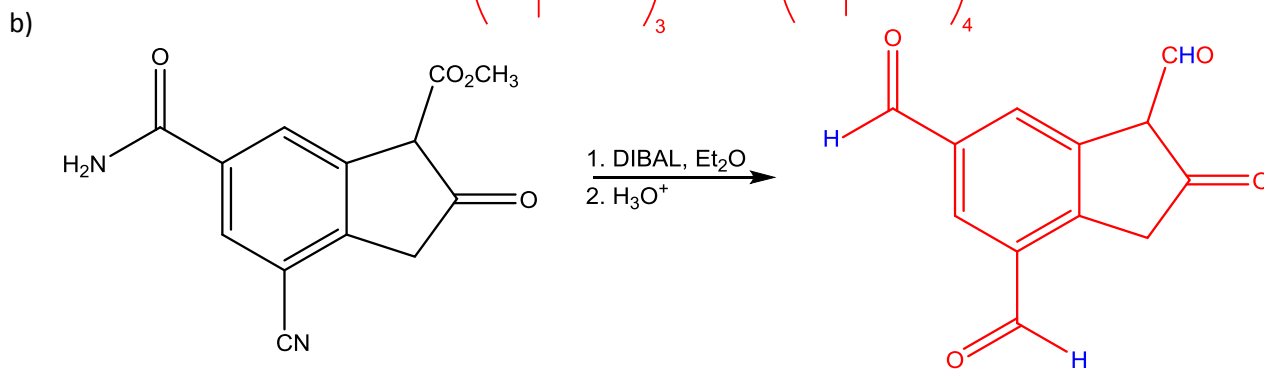
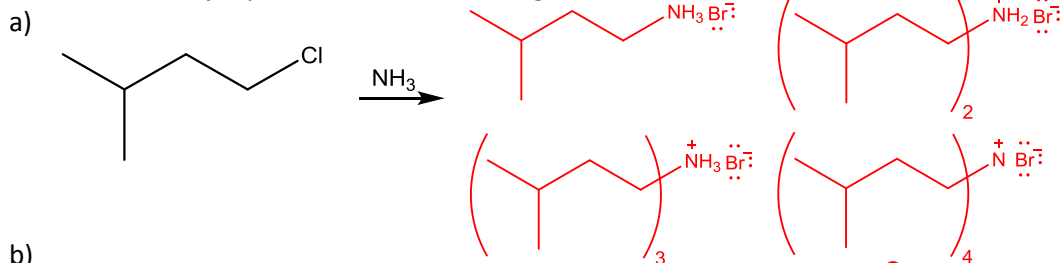
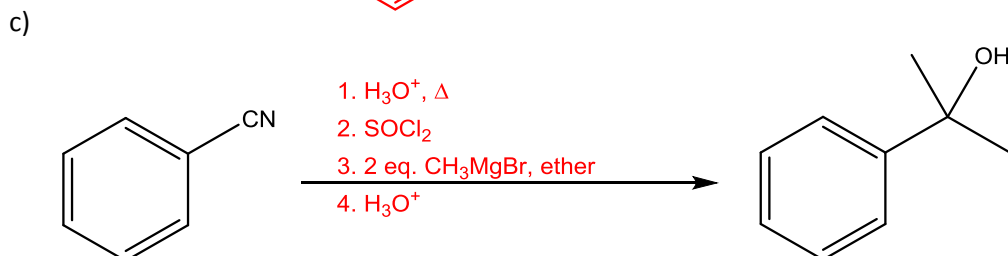
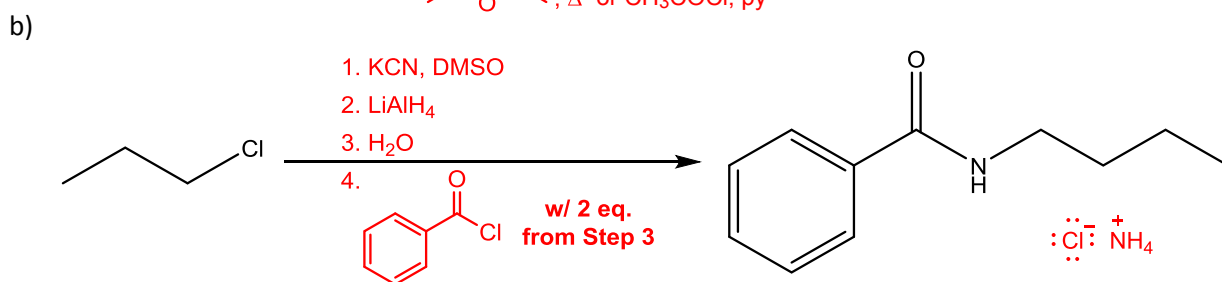
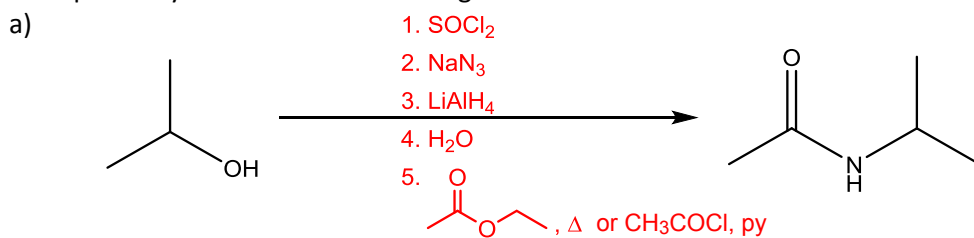


Ex. 1: Predict the major product for the following:

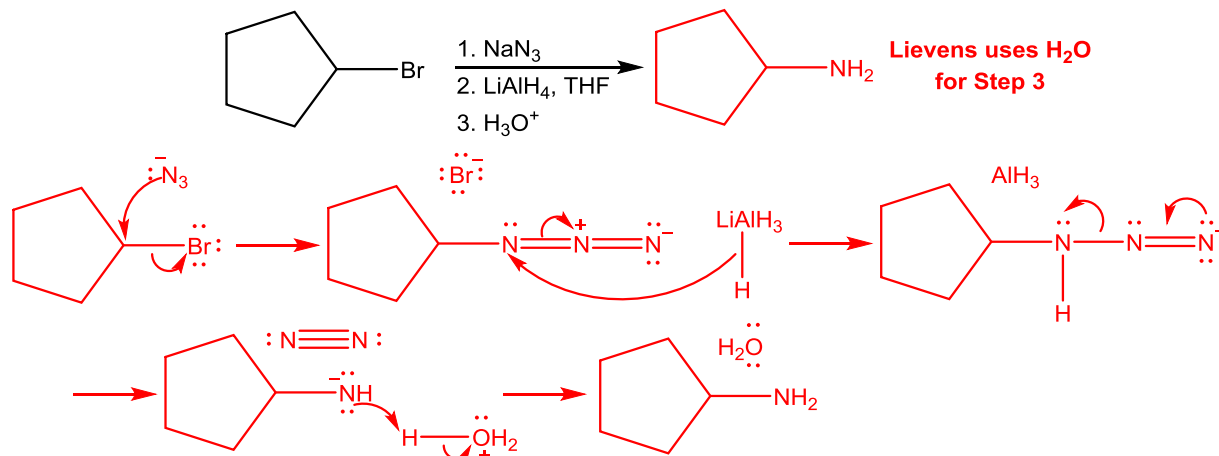


Ex. 2: Propose a synthesis for the following transformations:

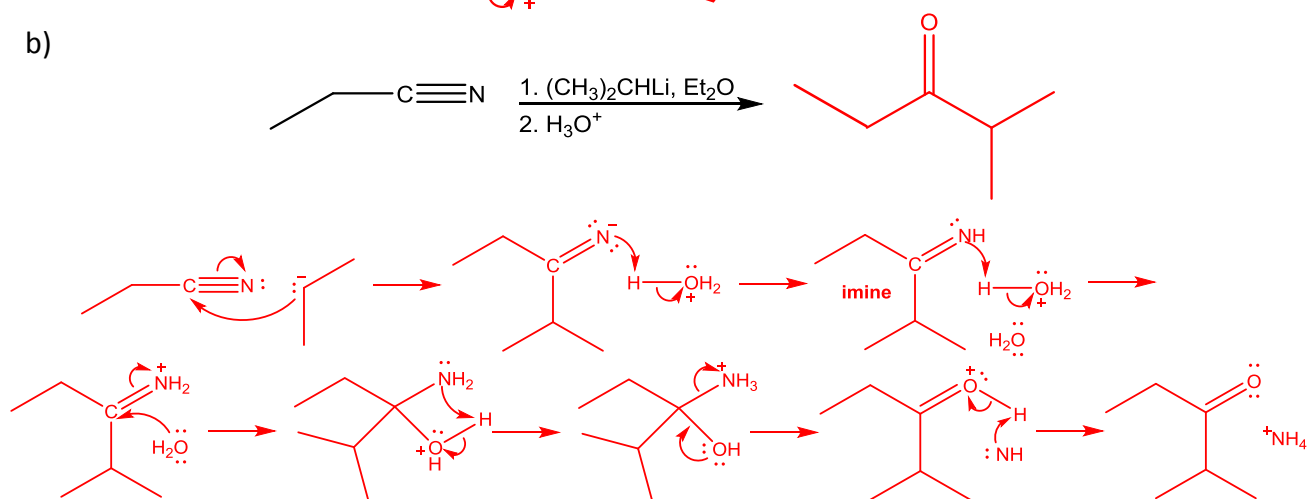


Ex. 3: Predict the products and propose a mechanism for the following transformations:

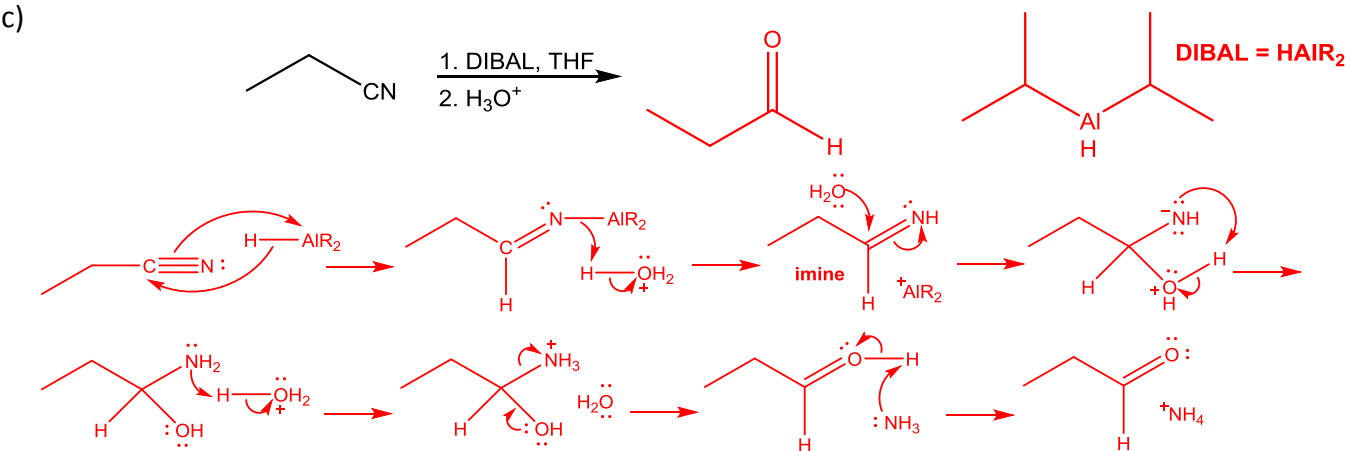
a)



b)



c)



Alternative Mechanism:

