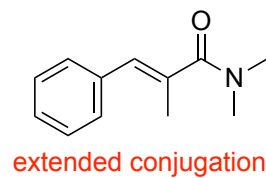
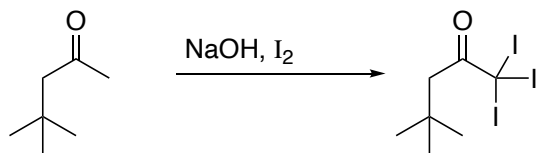
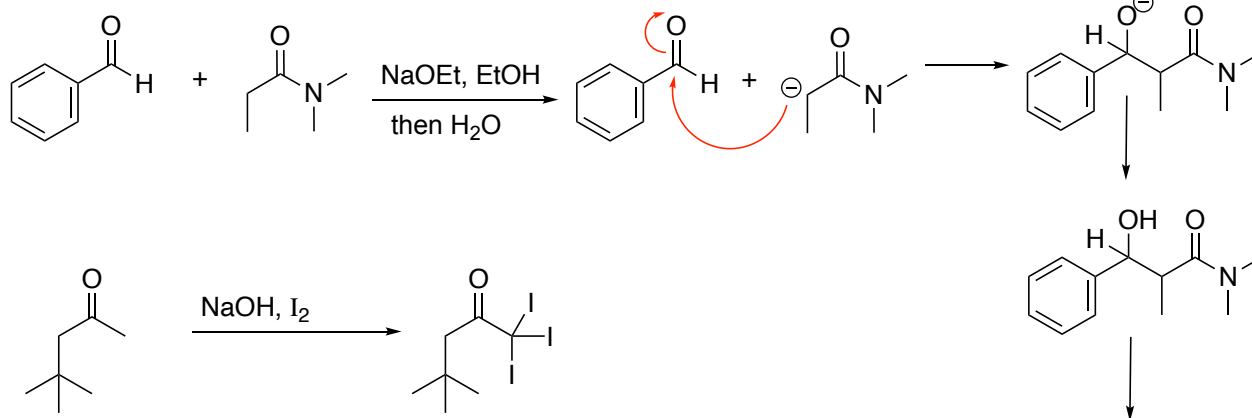
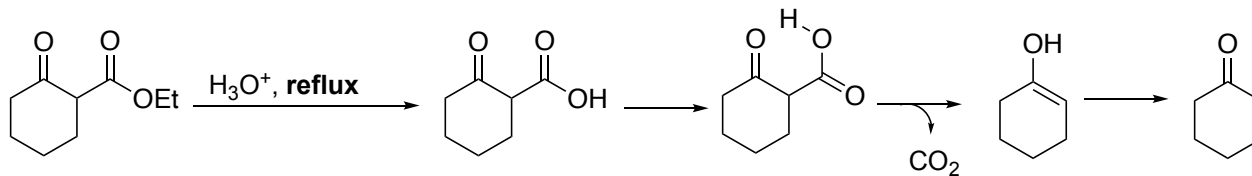
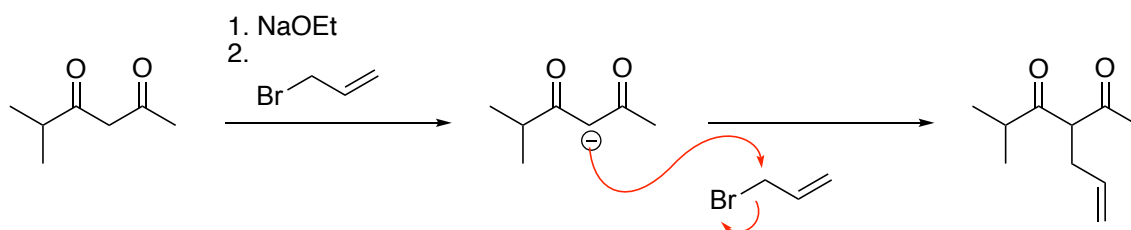
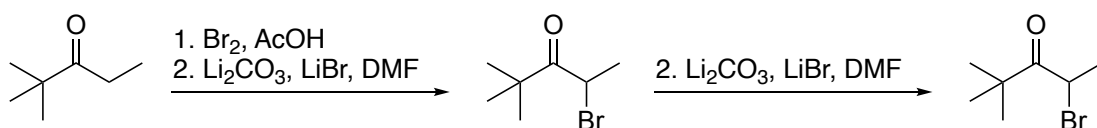
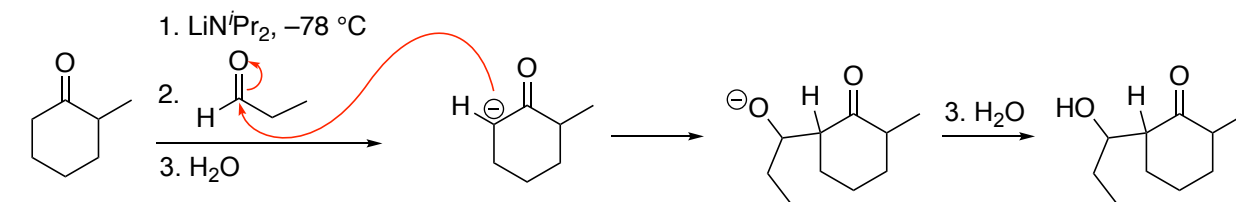


24!

Name: Key

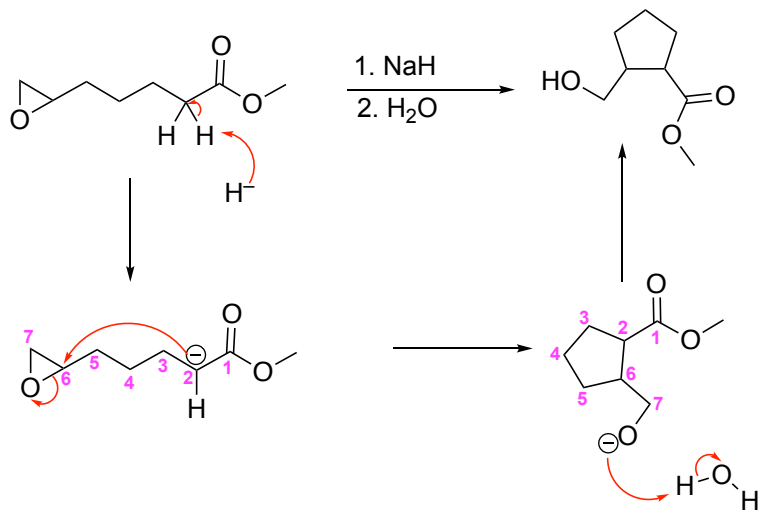
1. (20 pts) Provide the major product for the reactions below.



24!



3. (12 pts) For the reaction below, show an appropriate mechanism that accounts for the following transformation.



27!



