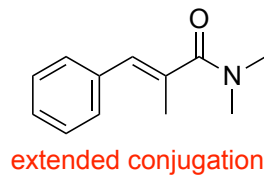
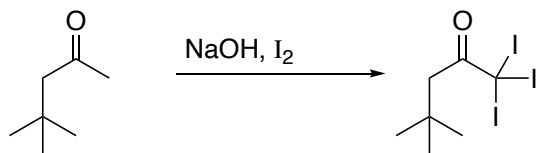
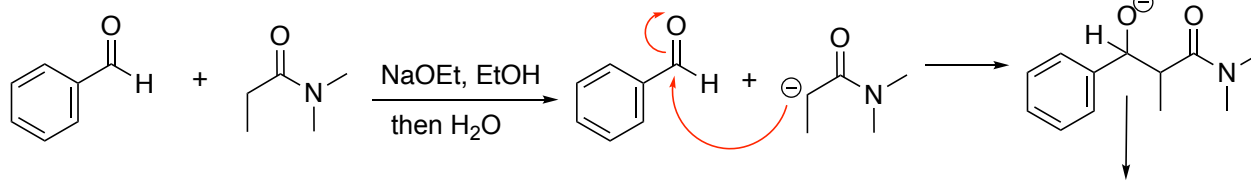
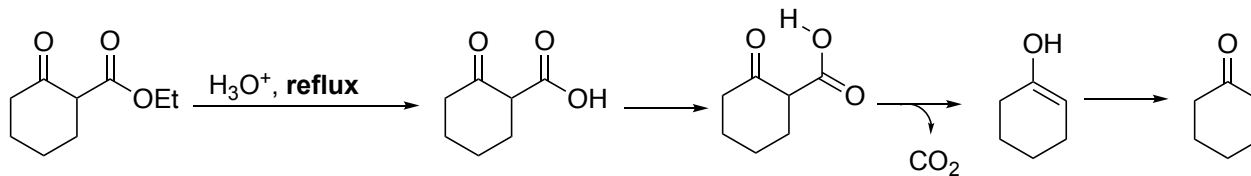
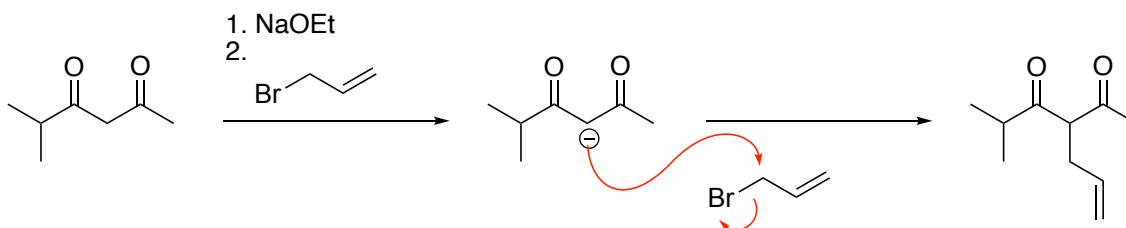
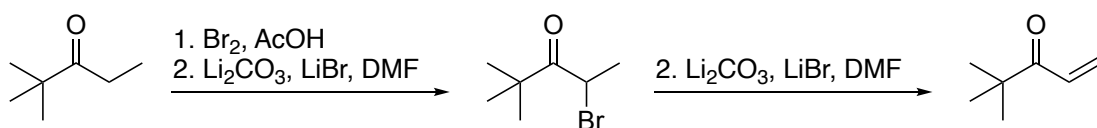
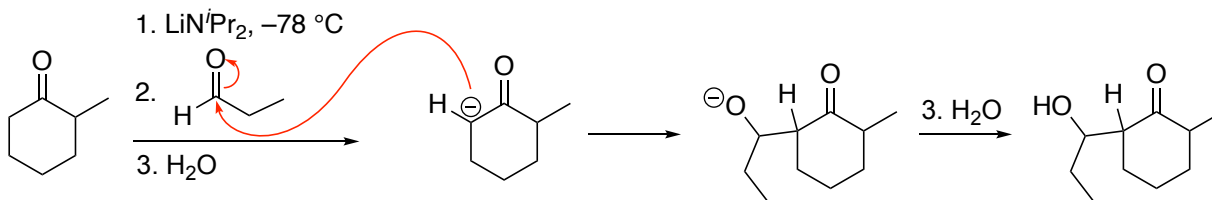


24!

Name: Key

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

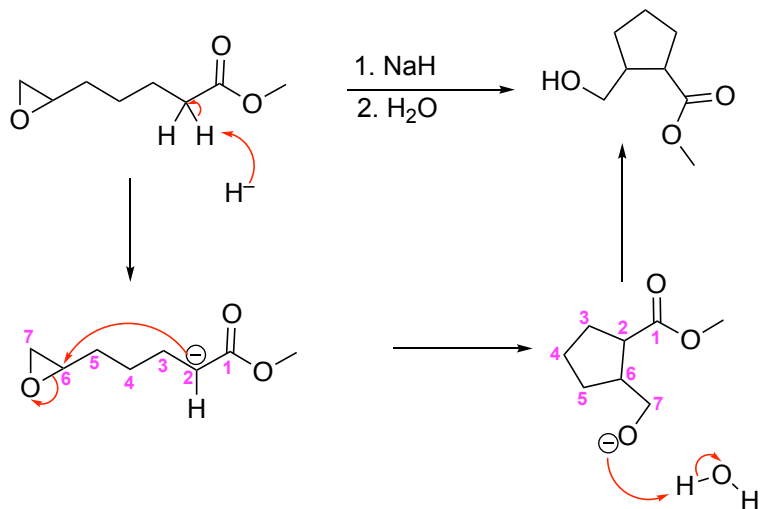
X



24!

X
20

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



27!



