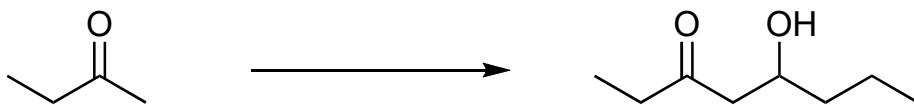
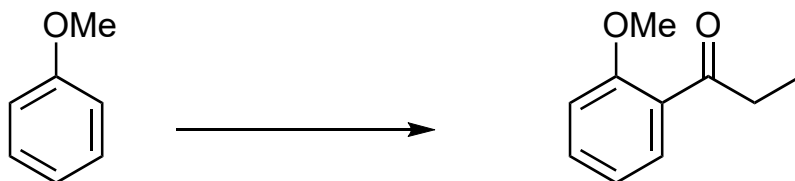


(18 pts) Provide the reagents necessary to transform the given starting material into the desired product. More than one step may be required. **You must show your work and draw intermediate products.**

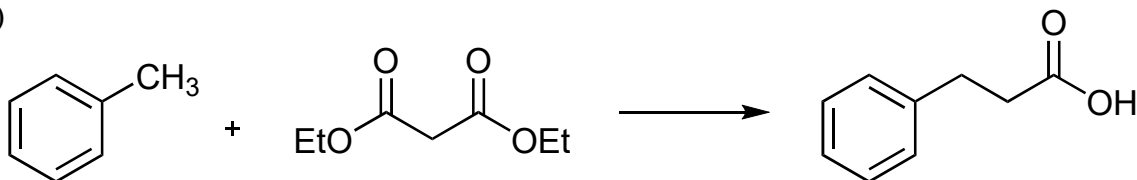
6A)



6B)



6C)



(use these as the only sources of carbon atoms in TM)