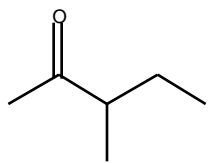
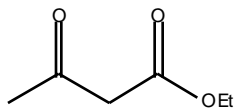
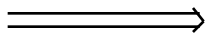


- 3) Devise a synthesis for the following molecule starting with the indicated compound. You may use any alkyl halides of 4 carbons or less and carbon dioxide for additional sources of carbon atoms. **15 Pts**

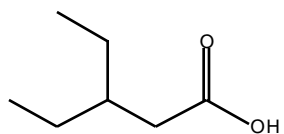


TARGET

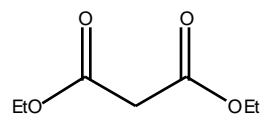
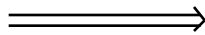


STARTING MATERIAL

- 4) Devise a synthesis for the following molecule starting with the indicated compound. You may use any alkyl halides of 4 carbons or less and carbon dioxide for additional sources of carbon atoms. **15 Pts**



TARGET



STARTING MATERIAL