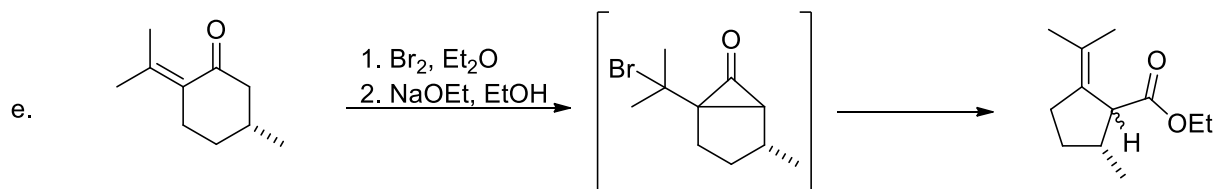
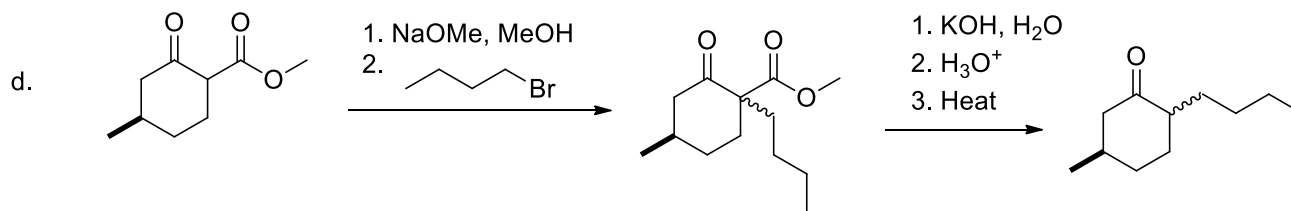
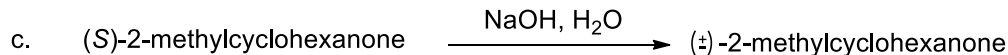
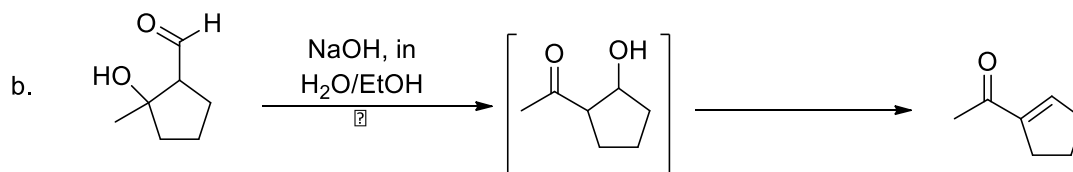
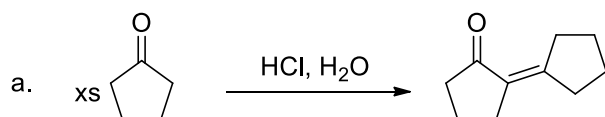


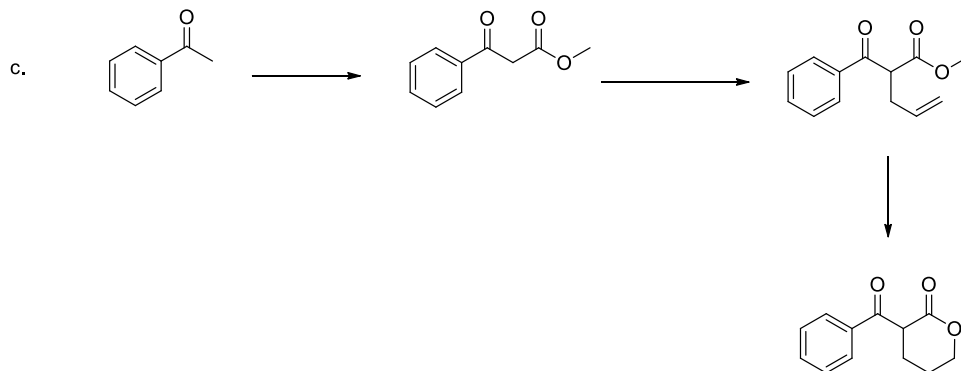
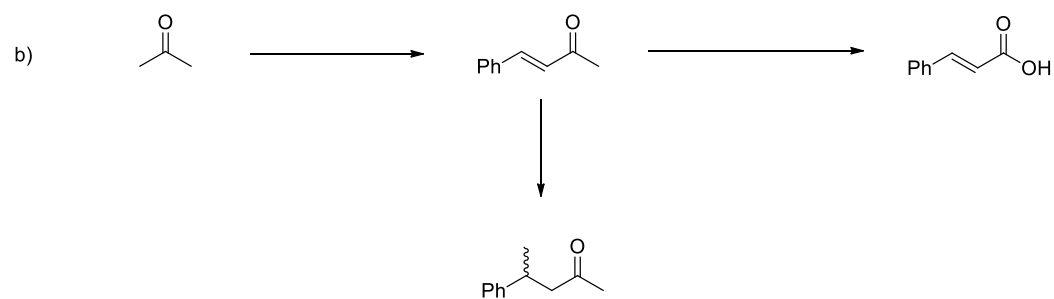
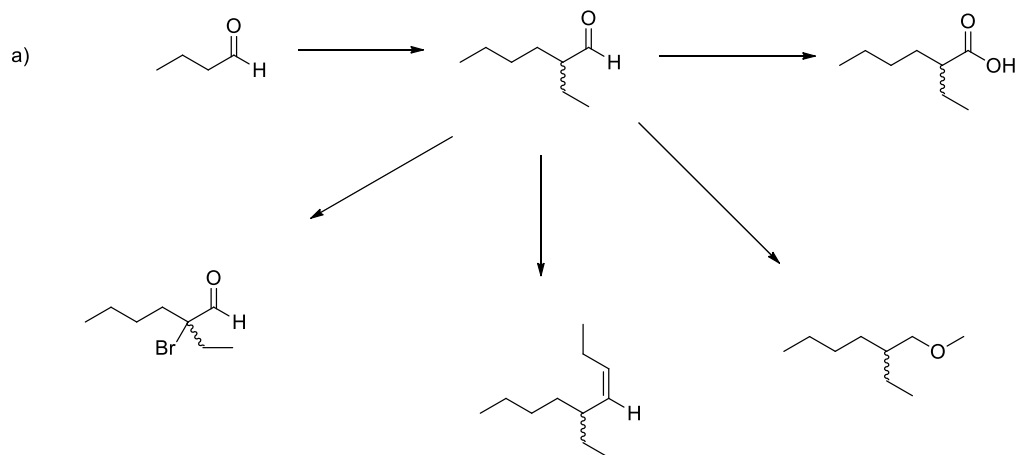
WORKSHOP, Chapter 20

Enols and Enolates

1. Give a reasonable mechanism for each of the following reactions, clearly showing all important intermediates and resonance structures, and using curved arrows to show movement of electron pairs.



2. Show how to carry out the following chemical conversions using any necessary organic and inorganic reagents. More than one synthetic step may be required for a synthetic transformation.



3. Devise a synthesis of the following compound.

