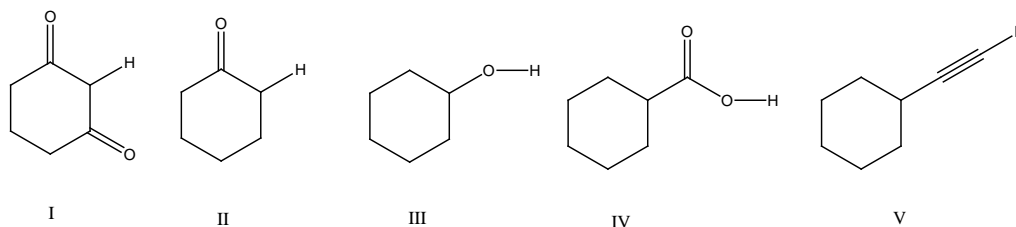
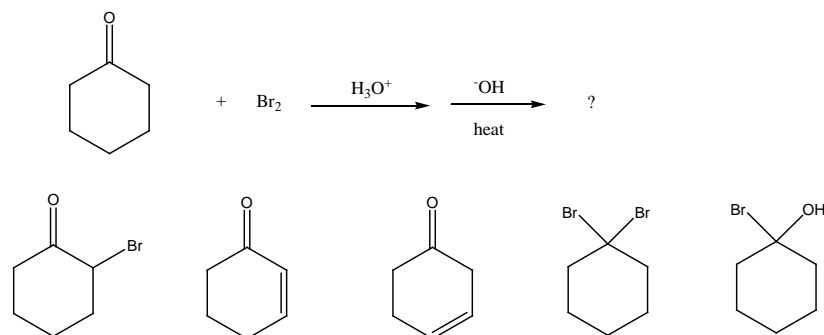


Homework/Problem Set
Chapter 18 (Reactions at alpha-carbon of carbonyl compounds)

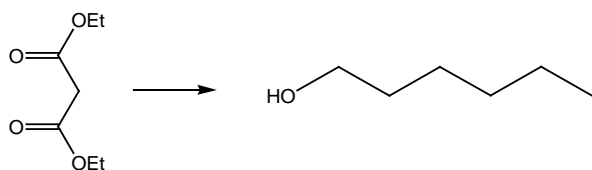
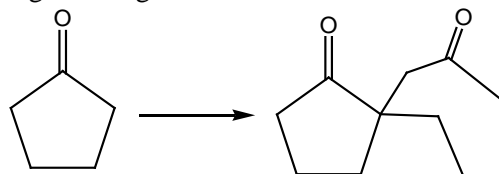
1. Considering only the highlighted hydrogens, list the following compounds in order of increasing acidity?



2. What would be the major product of the following reaction sequence? What would be the final product?



3. Outline reaction sequences for the following transformations. You have available any inorganic and organic reagents needed.



4. What is the product, **Z**, of the following reaction sequence?

