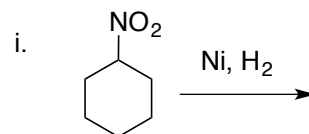
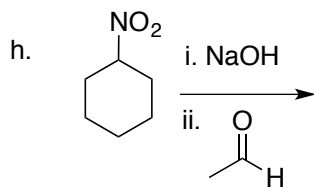
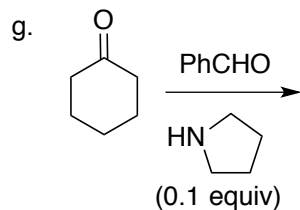
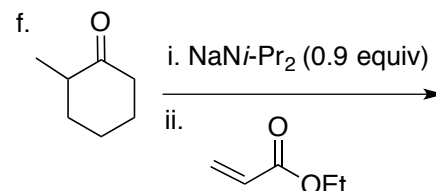
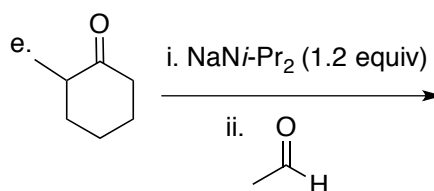
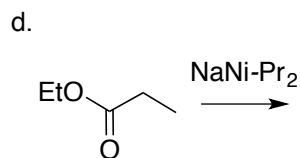
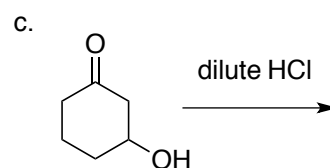
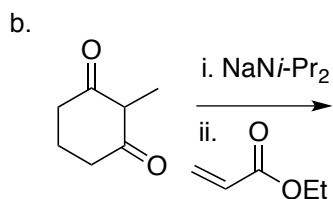
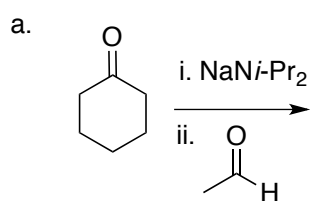
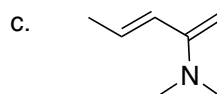
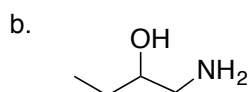
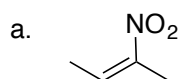


Enol/Enolate handouts

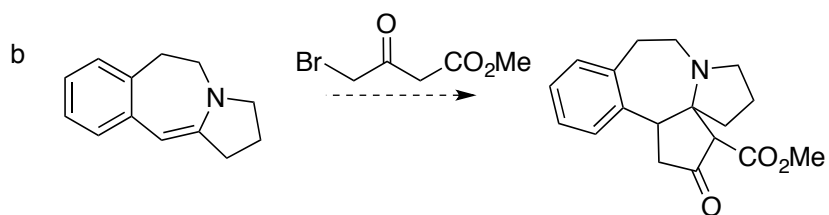
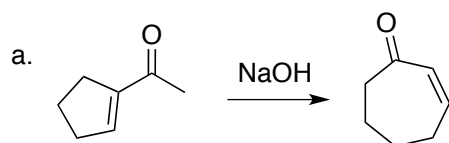
1. Predict the products of the following reactions and propose a mechanism that explains it.



2. Propose a synthesis for the following molecules from starting materials consisting of 3 carbons or less



3. Propose a mechanism for the following transformations



c. (super challenge for the super motivated). Pay attention to ^{13}C labeling.

