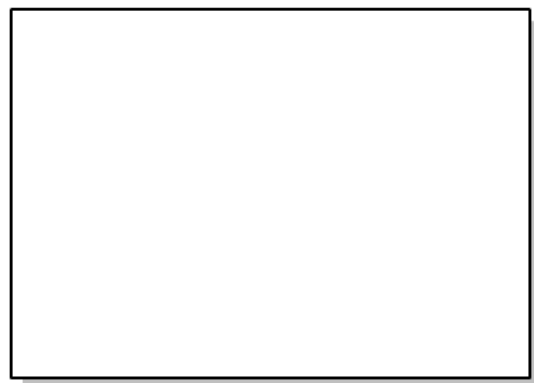
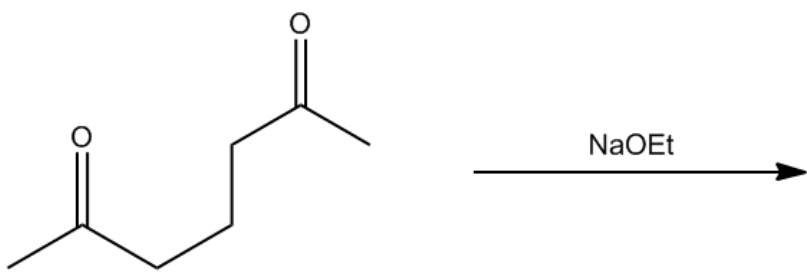


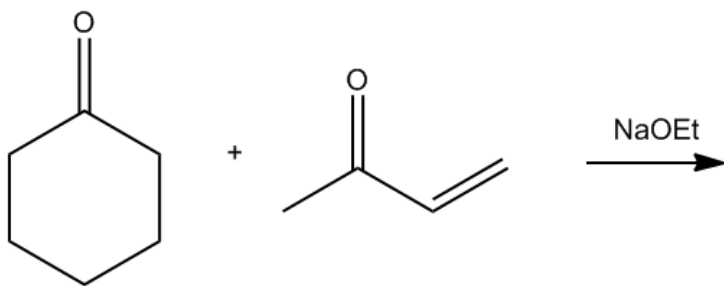
CONCEPT: ROBINSON ANNULATION

1,5-dicarbonyl compounds have the ability to undergo intramolecular self-condensation into 6-membered enones.

- When the 1,5-dicarbonyl is generated via Michael Reaction (*enone* + *enolate*), it is called a Robinson Annulation
- Basically _____



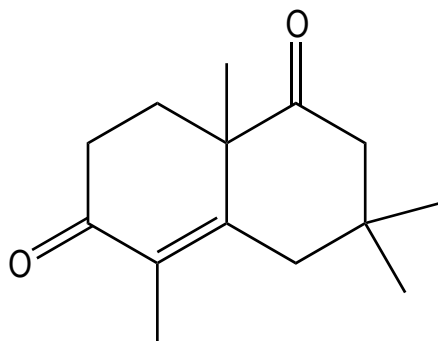
EXAMPLE: Predict the major product of the following Robinson Annulation.



PRACTICE: Provide the product for the following Robinson Annulation Reaction.



PRACTICE: How would you prepare the following compound using a Robinson annulation reaction between a di-ketone and an α,β unsaturated ketone?



PRACTICE: How would you prepare the following compound using a Robinson annulation reaction between a ketone and an α,β unsaturated ketone?

