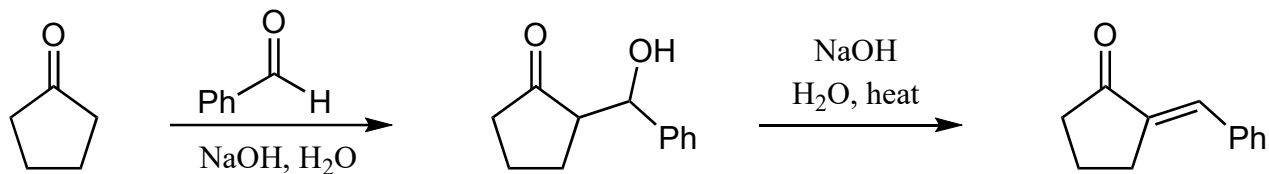


5A) (10 pts) Provide a complete mechanism to account for the formation of the two products shown. Pay close attention to details, including lone pairs, formal charges and the use of curved arrows.



B) (12 pts) Provide a complete mechanism to account for the reaction shown, and be sure to **show all resonance forms of any intermediate that exhibits resonance**. Pay close attention to details, including lone pairs, formal charges and the use of curved arrows.

