

Last Name:

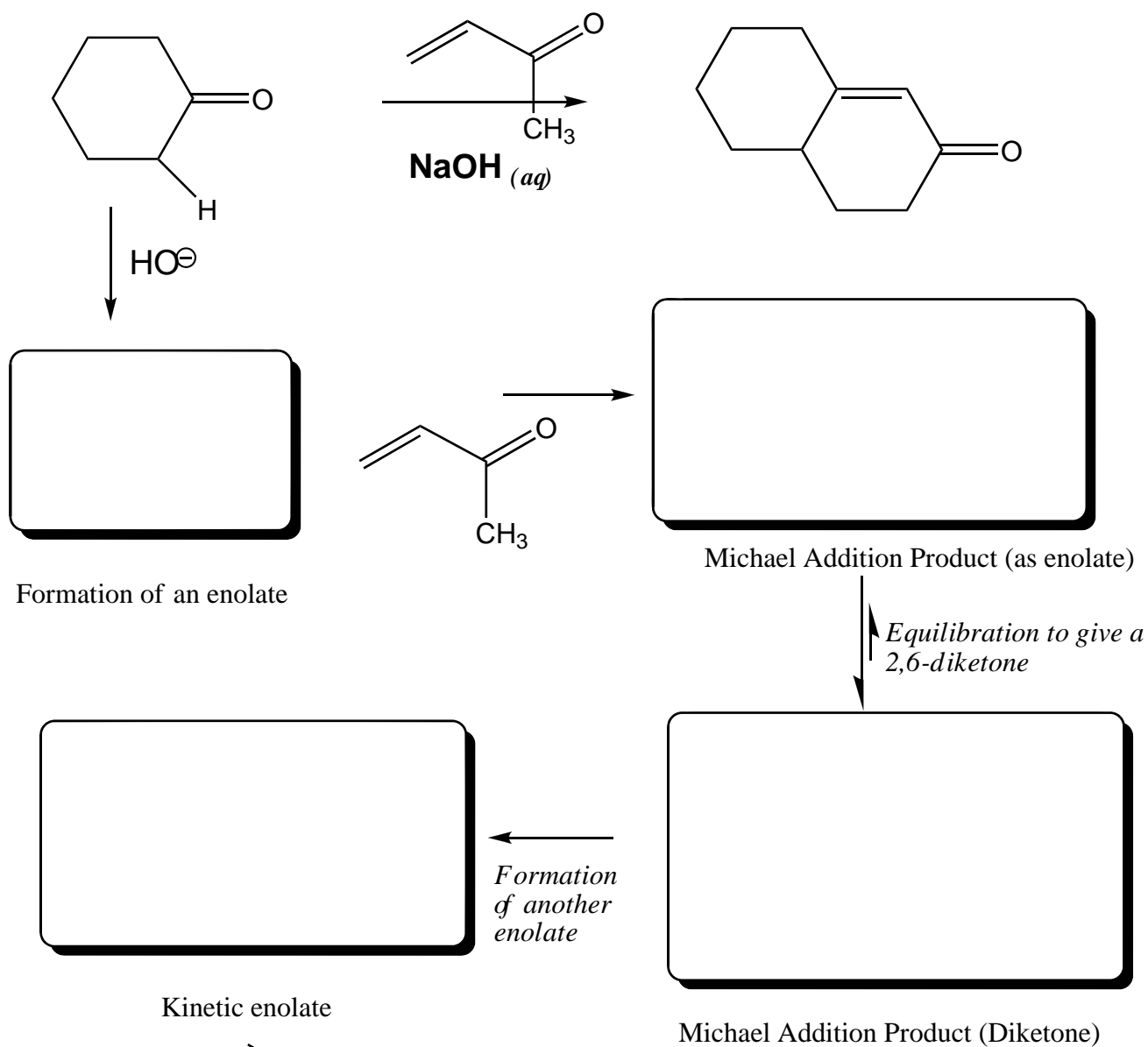
First Name:

UTEID:

SCORE:

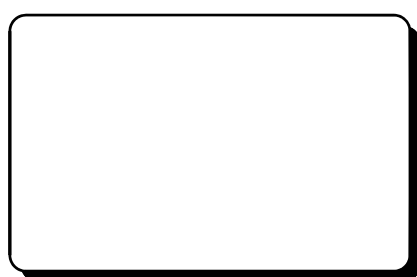
Deadline for CH 318 POW 8: Oct 26, 2009 3:00 PM

**Mechanism:** Provide a mechanism for the following transformation. Show all important flows of electrons, charges and intermediates. Where indicated, (in the structure boxes)- draw the intermediates.

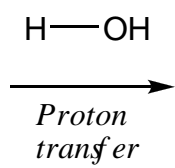


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*Intramolecular aldol rxn.*

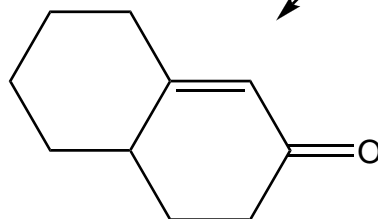


$\beta$ -alkoxy-ketone



$\beta$ -hydroxy-ketone

*Dehydration*



Final Product