

Last Name:

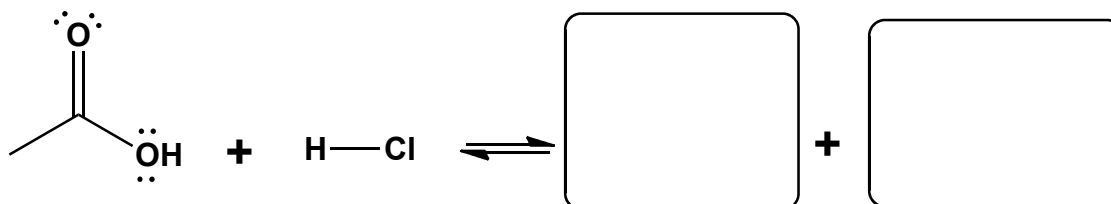
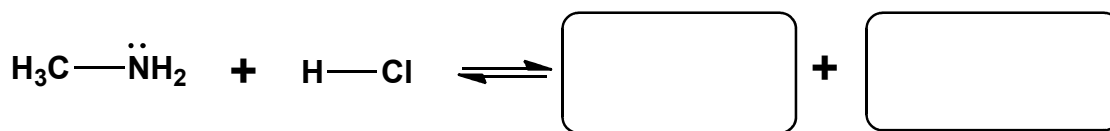
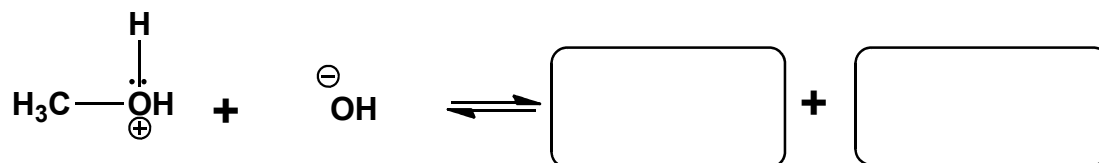
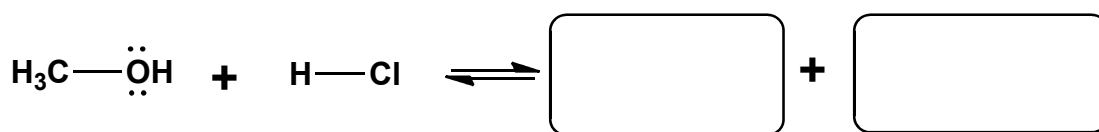
First Name:

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Class Time:

Deadline for CH320/328 M HW 4: Oct 8 3:00 PM

1) **Acid-Base reactions:** Provide the products for each of the following reactions. Write out the mechanism for each reaction; use curved arrows to show the flow of pairs of electrons; show all formal charges.



**2) Alkenes as "bases":** Draw the carbocation(s) from the protonation of each alkene. If there are two possible carbocations, indicate which one is more stable.

