

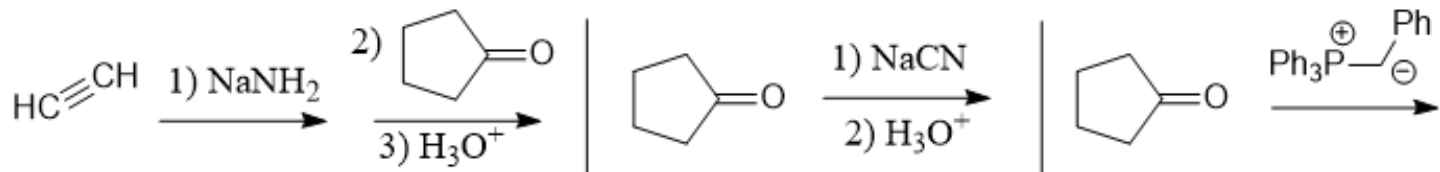
CHM 3150 Organic Chemistry II
Dr. Laurie S. Starkey, Cal Poly Pomona
Chapter 19 Aldehydes & Ketones Part 2 – [Practice Problems](#)

For clicker question voting, go to:
<https://pollev.com/lauriestarke263>

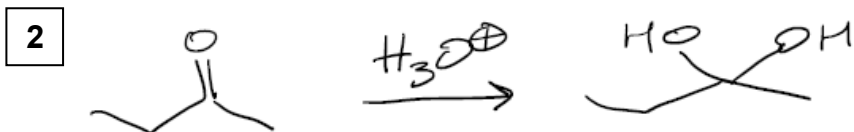


1

Predict the major products for the following reactions.

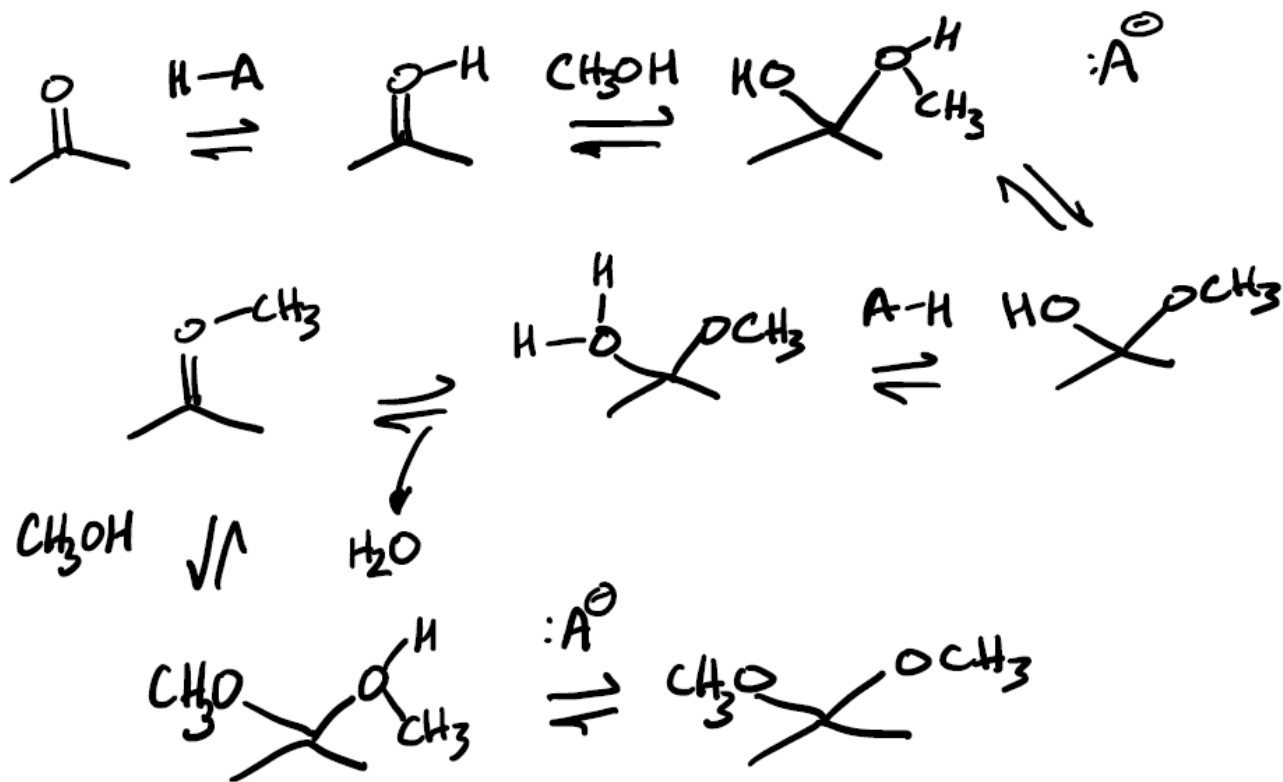


Draw a mechanism for the following reaction



3

Add missing lone pairs, formal charges, and curved arrows.



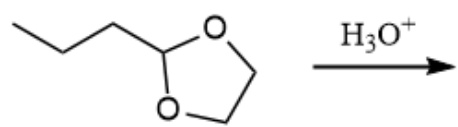
4

Predict the major products for the following reactions.



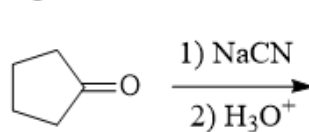
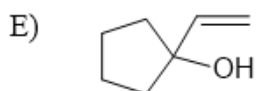
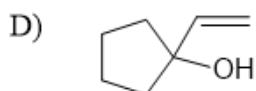
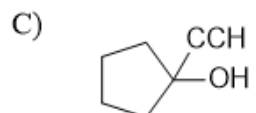
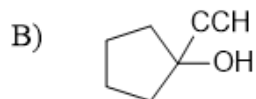
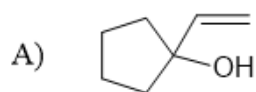
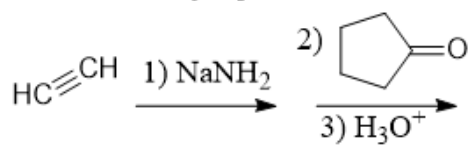
5

Predict the major product(s) of the following acetal hydrolysis reaction.

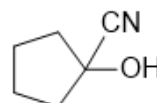
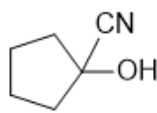
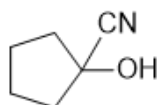


1

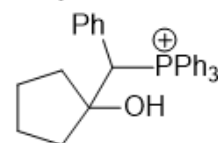
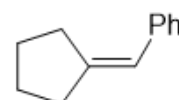
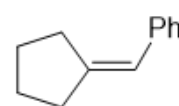
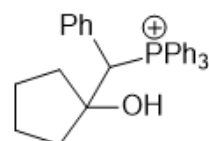
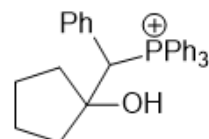
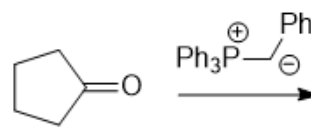
Predict the major products for the following reactions.



No Reaction

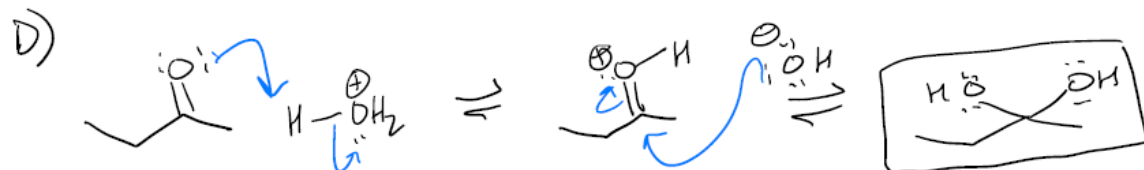
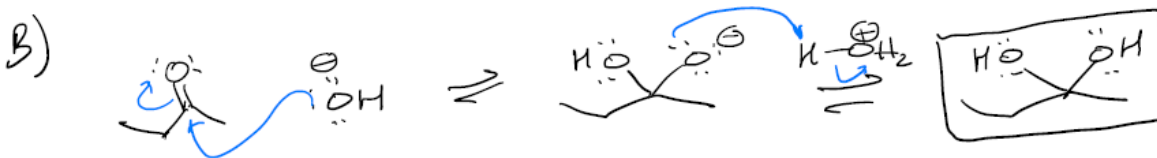
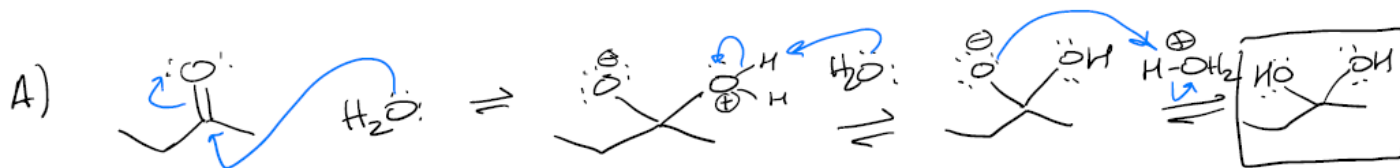
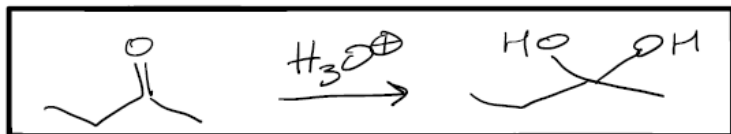


No Reaction



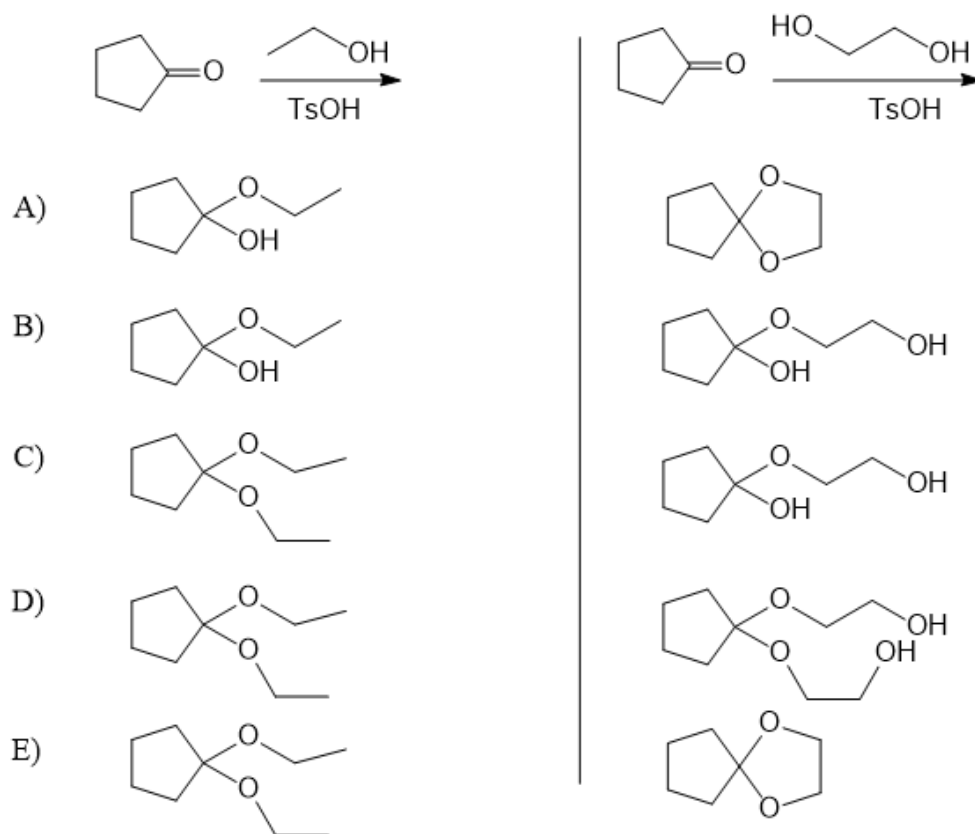
2

Which of the following is the likely mechanism for the following reaction?



4

Predict the major products for the following reactions.



5

Predict the major product(s) of the following acetal hydrolysis reaction.

