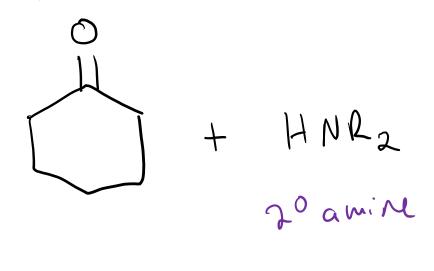
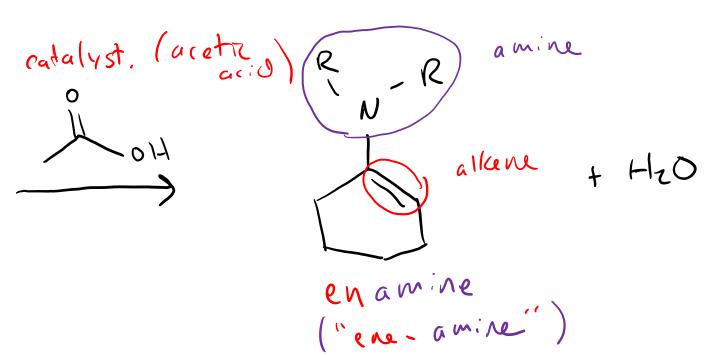
Enamine formation

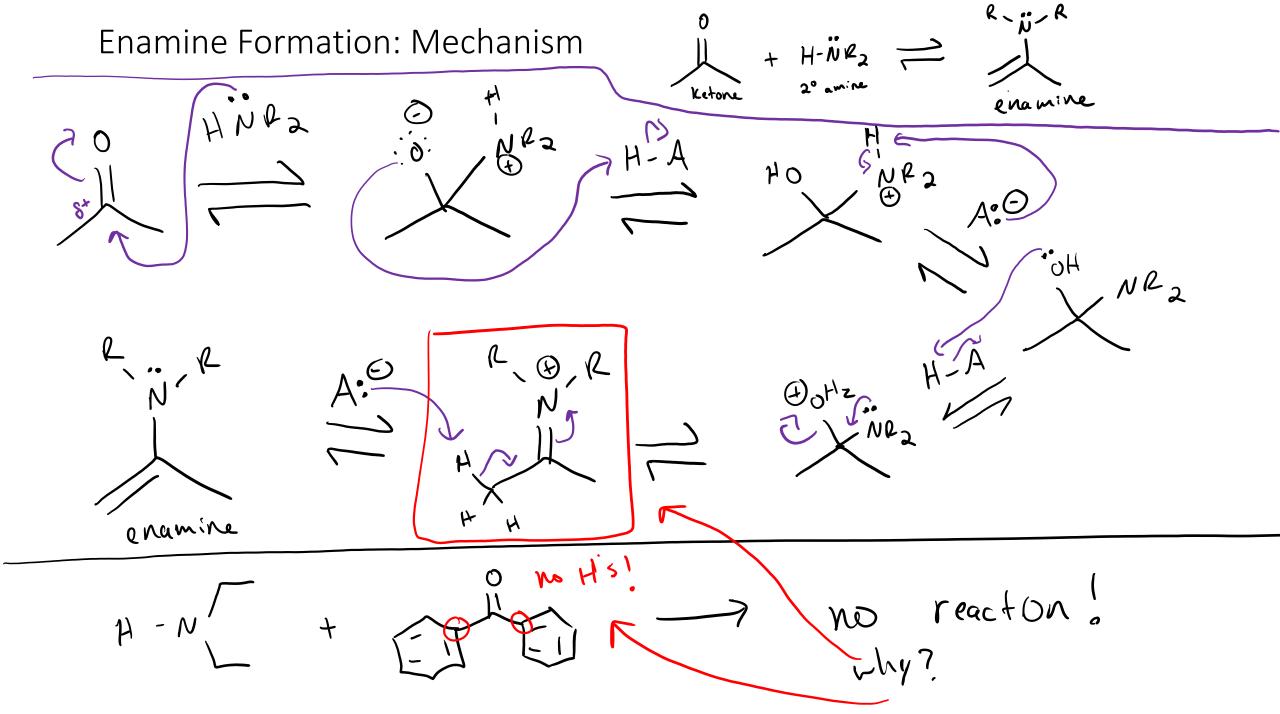
Hydrolysis of Acetals/Imines/Enamines – Reversing this week's reactions

2/8/2023

2° Amine Nucleophiles

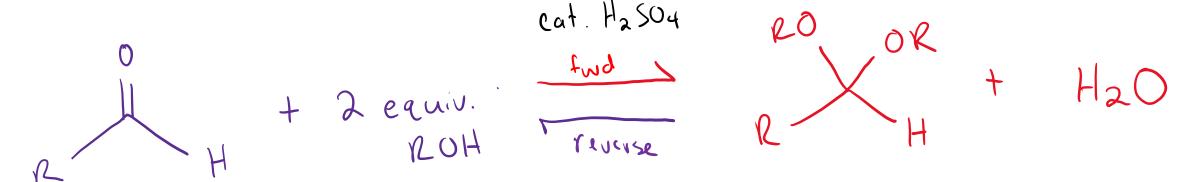






Hydrolysis of Acetals

(19.7)



How to favor fud us reverse reaction @ equilibrium? Le Chateliers principle!

To favor reactants

use excess of H20

remove ROH as it of the forms (or RH)

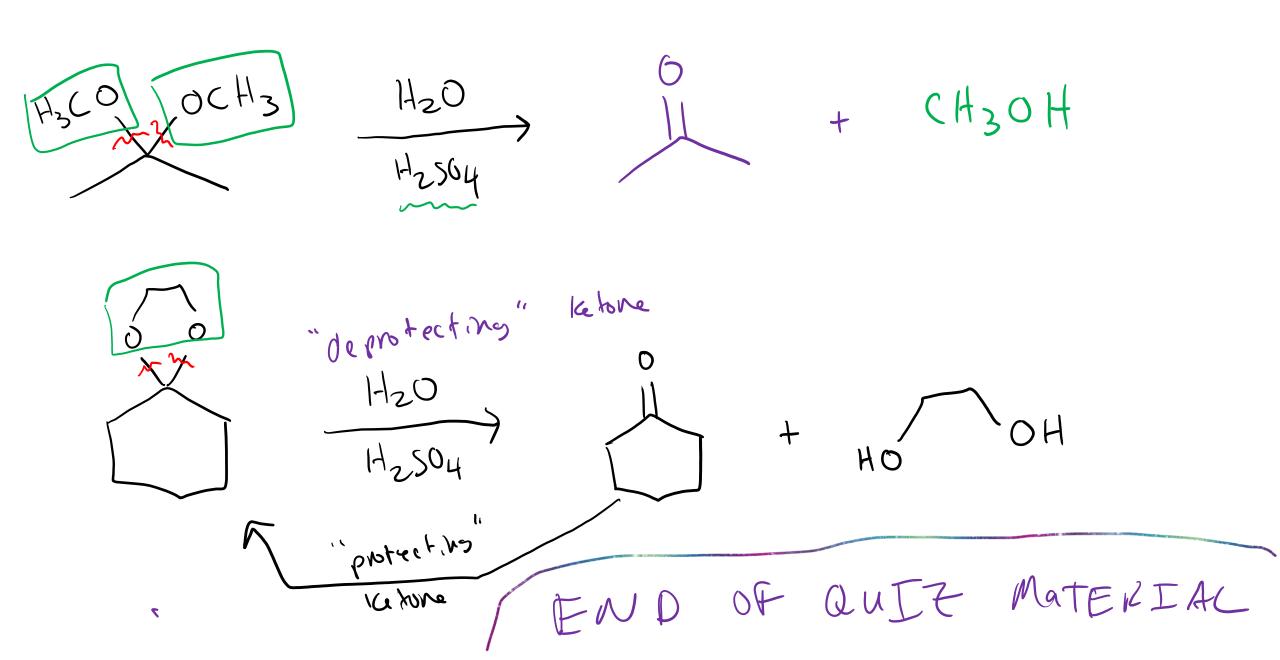
To favor products

Use excess ROH

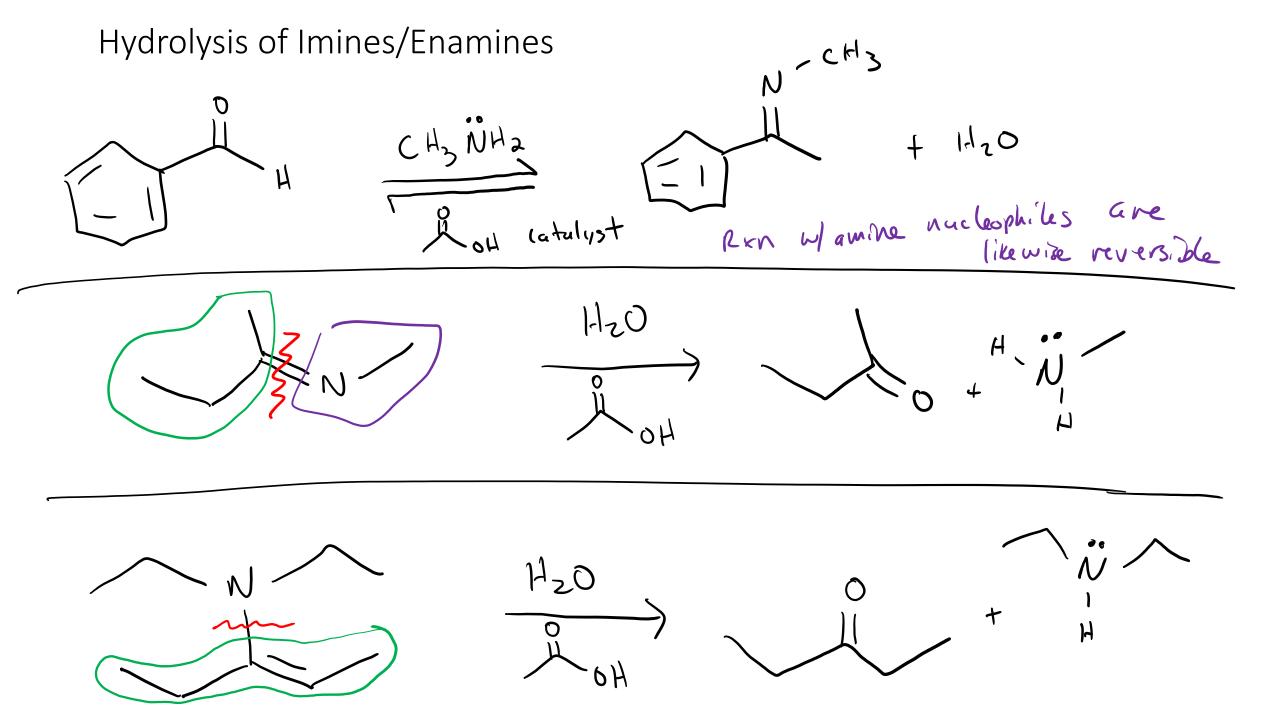
remove 14,0 as it forms

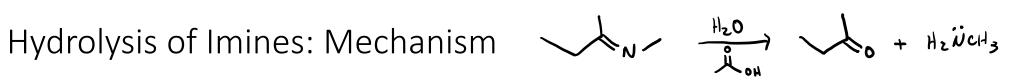
(Dean-stark tap)

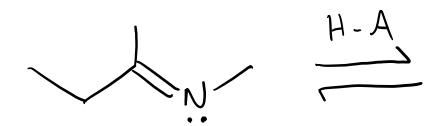
Hydrolysis of Acetals



1-12504 H3CO OCH3 Hydrolysis of Acetals: Mechanism 1720 料尺 o H







Hydrogen as a Nucleophile

(19.9, 12.4)

L: AIHq

Na BH4