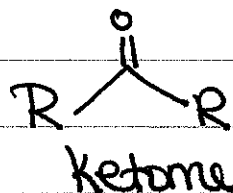
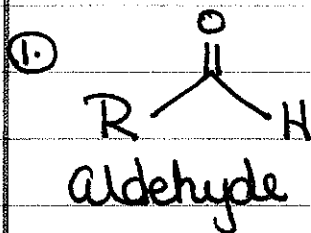


* Intro to Carbonyls + C Nucleophiles
w/ Carbonyls warm-up answers



② See organic I rxn lists

③ Aldehydes are more reactive than ketones due to 2 reasons:

① Steric: By definition, aldehydes have one less C + are therefore less sterically hindered to nucleophilic attack.

② Electronic: By definition, aldehydes have one less C + are therefore less stabilized by induction.

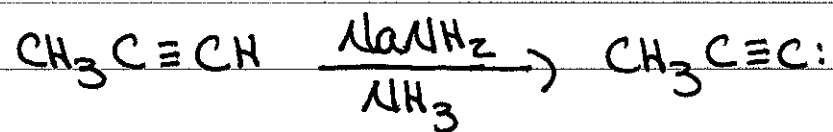
④ Nucleophilic Addition or Redox

⑤ 1° ROH

⑥ 2° ROH

⑦ 3° ROH

⑧



⑨. Cyanohydrin

⑩. Alkane

⑪. Glyde: ketone or aldehyde

⑫. Betaine +

Oxaphosphorane