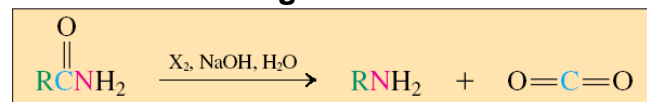
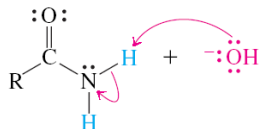


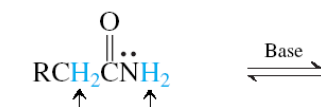
F16

Amidates

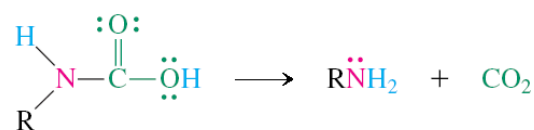
In amides, _____

Hofmann Rearrangement**Mechanism**

118C



Workshop 6

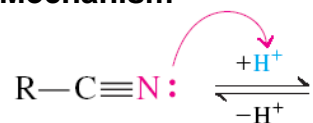
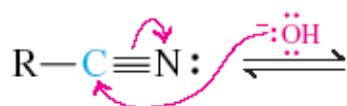


*Alternate arrows:

Alkanenitriles:

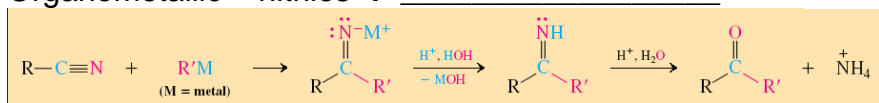
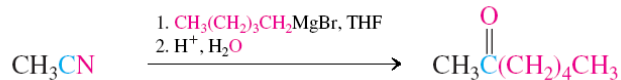
Considered derivatives of carboxylic acids

- 1) _____
- 2) _____

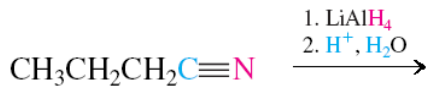
Nitriles + heat + acid/base → carboxylic acid**Acid Mechanism****Base Mechanism***-ic acid* usually replaced with _____

Nitrile Reactions

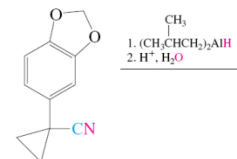
Organometallic + nitriles \rightarrow _____



Nitriles + $\text{LiAlH}_4 \rightarrow$ _____

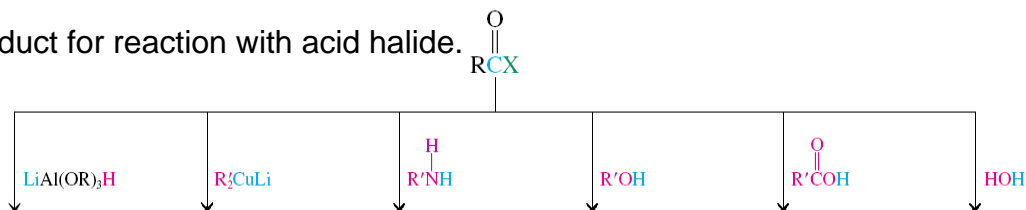


Nitriles + DIBAL \rightarrow _____

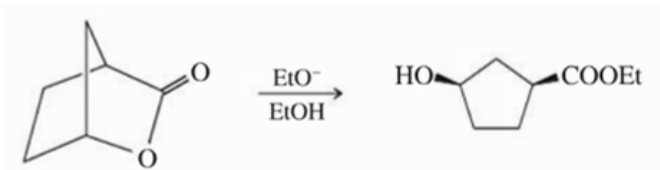
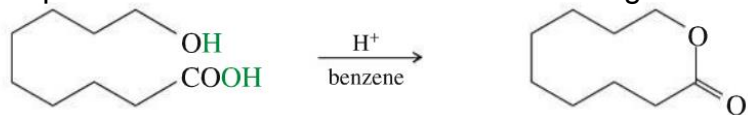


Exam Review

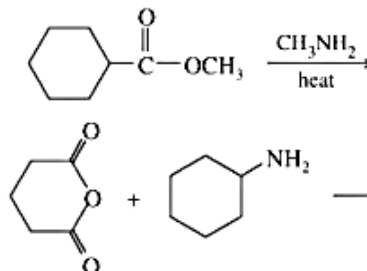
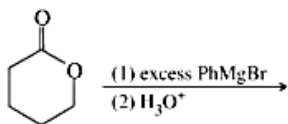
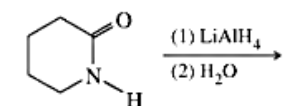
Give expected product for reaction with acid halide.



Propose a mechanism for one of the following reactions.



Predict products



Synthesis

