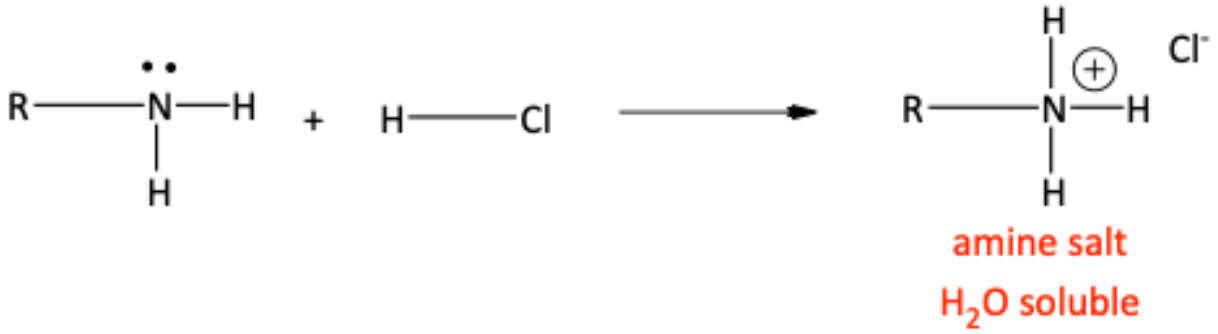
Amine and Nitrile Reaction Review: Name the Reagents

Each reaction shows the starting material and the product. Write the reagents above the arrow.

Name: _____ Date: _____

Amines as a base



SN2 Amine synthesis



SN2 Nitrile synthesis



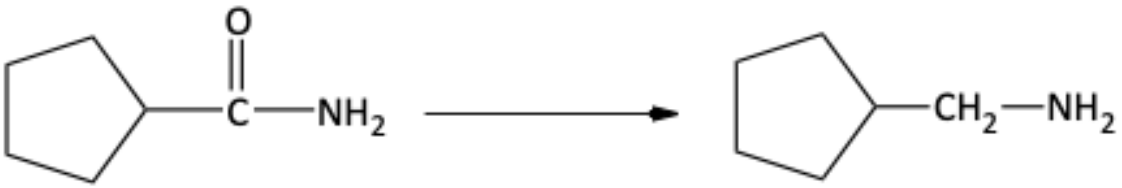
Reduction of nitriles to amines



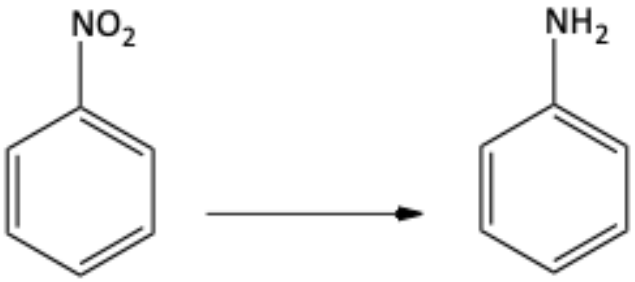
Reduction of imines to amines



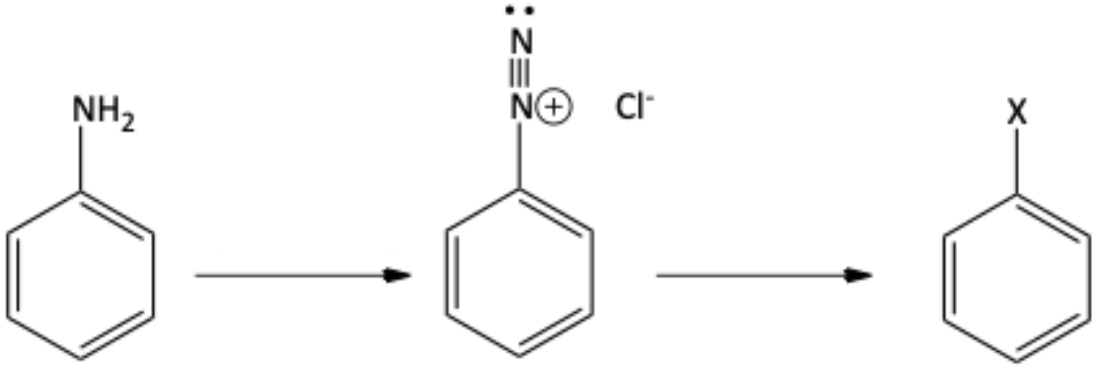
Reduction of amides to amines



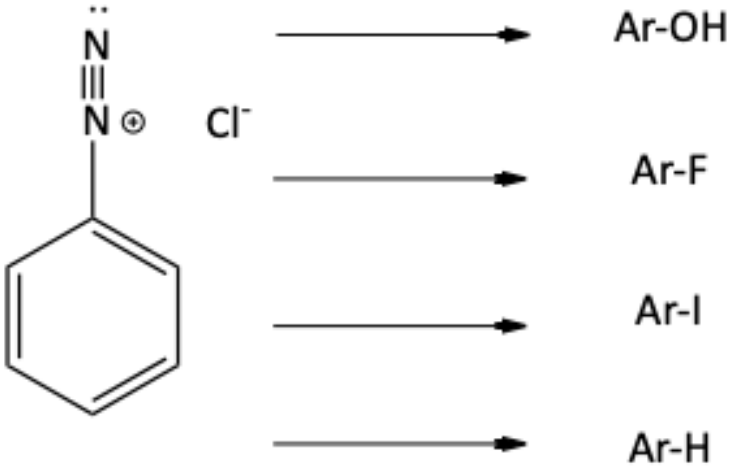
Reduction of nitrobenzene to aniline



Sandmeyer reaction



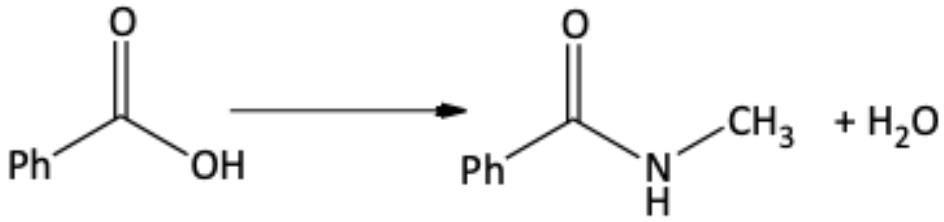
Sandmeyer-like reactions



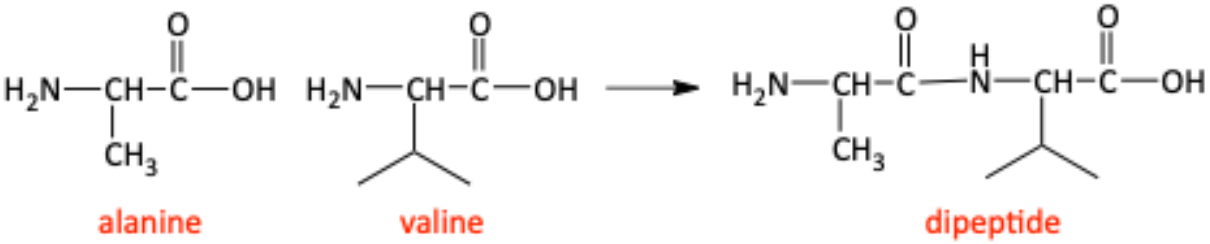
Acid chloride + amine to make amide



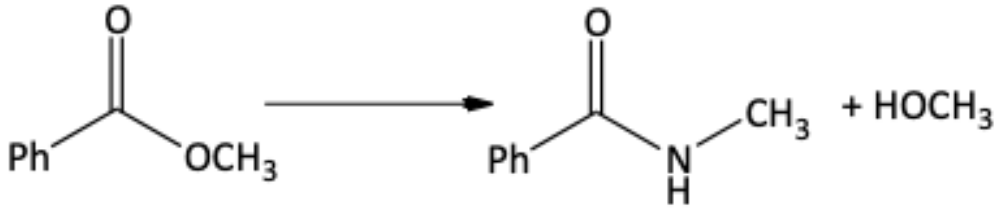
Carboxylic acid + amine to make amide



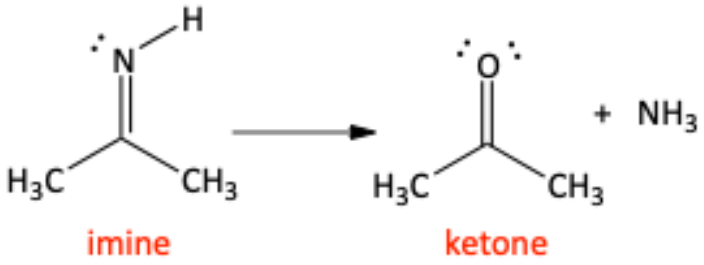
Peptide synthesis



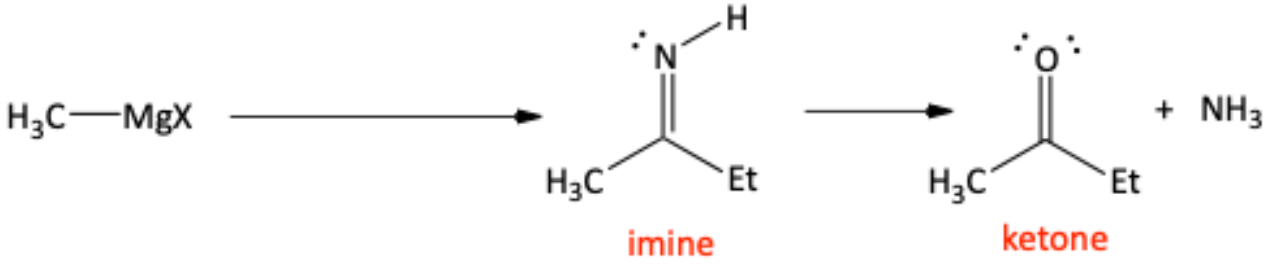
Ester + amine to make amide



Imine hydrolysis to ketone



Nitriles to imines to ketones



Hydrolysis of nitrile to carboxylic acid

