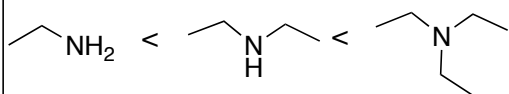


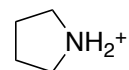
Amine

Basicity of Amine

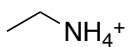


Ammonium

pKa



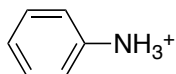
11.3



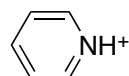
10.8



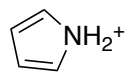
9.26



5.2



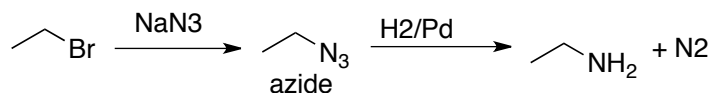
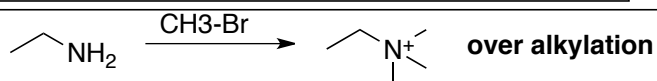
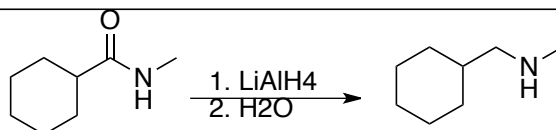
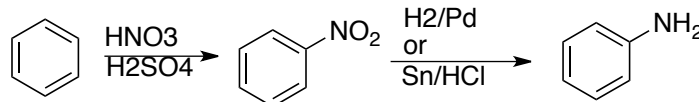
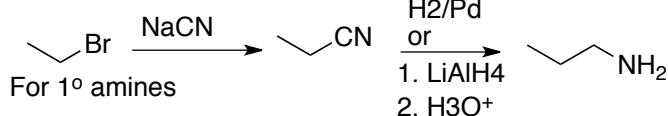
5.2



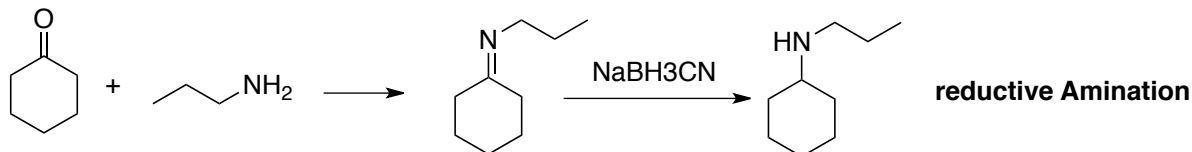
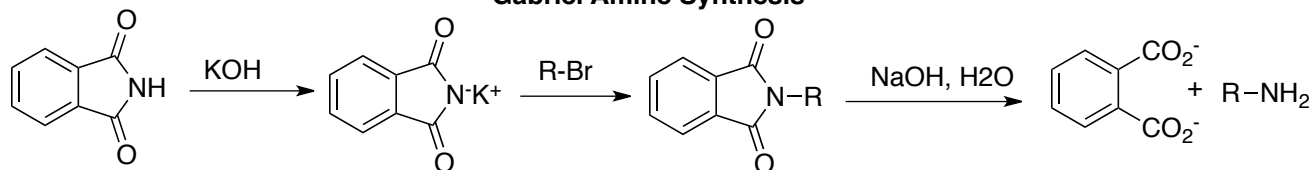
0.4

higher pKa,
higher basicity,
lower acidity

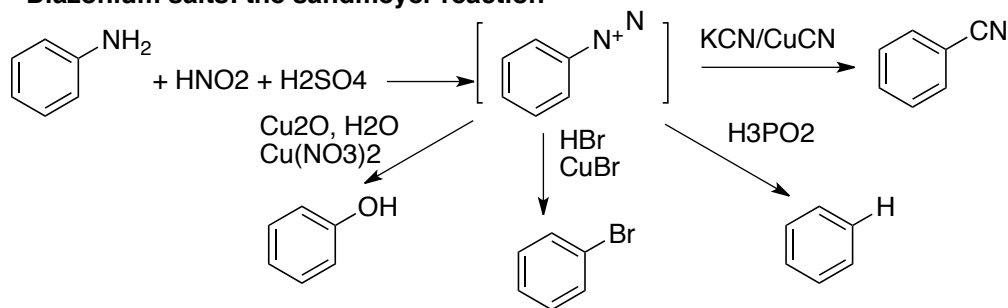
Preparation of amines



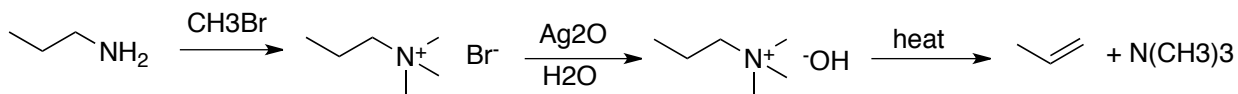
Gabriel Amine Synthesis



Diazonium salts: the sandmeyer reaction

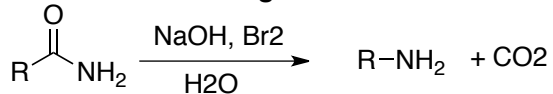


Hofmann Elimination



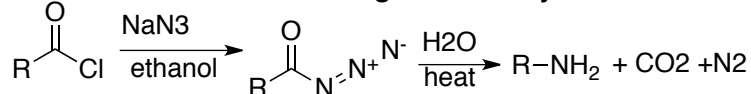
anti-Zaitsev product: less substituted alkene

Hofmann rearrangement of amides



Elimination of one carbon

Curtius rearrangement of acyl azides



Elimination of one carbon