## **CONCEPT: NITROGENOUS NUCLEOPHILES**

Three of the reagents used in *amines by reduction* can be found as excellent nucleophiles.

• They can participate in \_\_\_\_\_ reactions when there is a good leaving group present.

Additionally, \_\_\_\_\_ can act on acid chlorides to produce \_\_\_\_\_ (not an S<sub>N</sub><sup>2</sup> mech, we'll get to it later!)

**EXAMPLE:** Provide the major product for the following reaction.