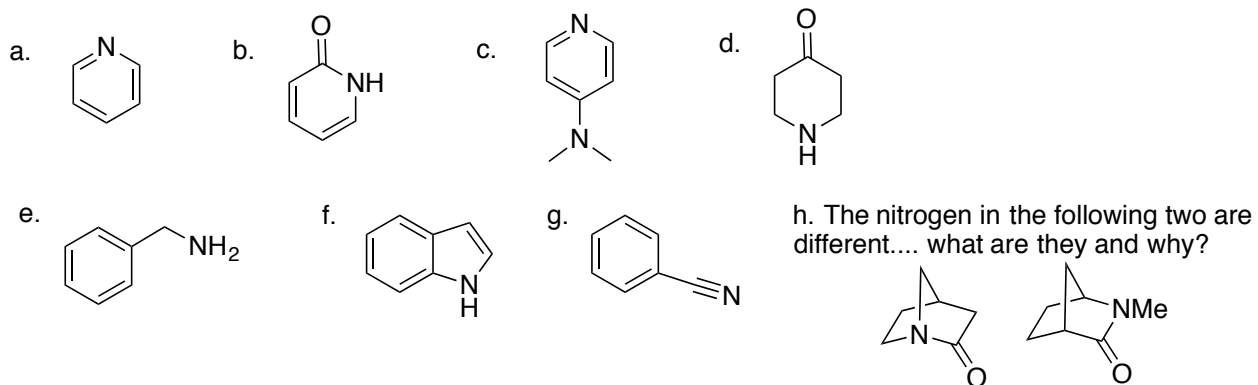
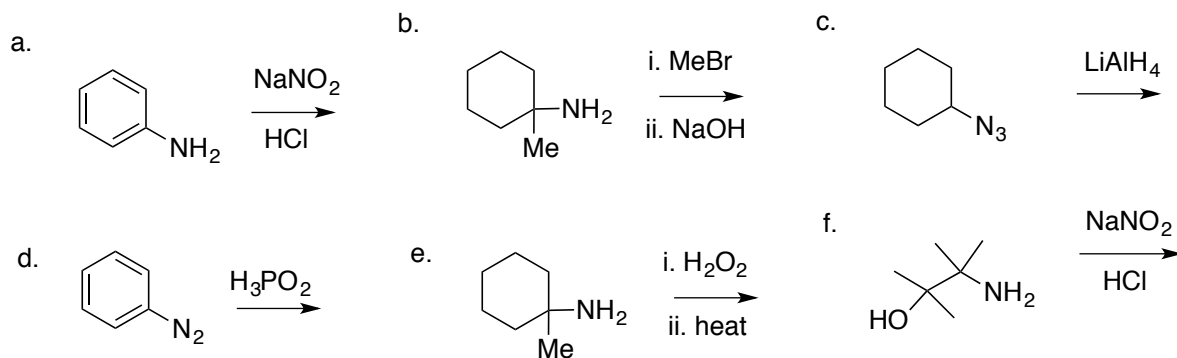


Amines

1. What is the hybridization of the following nitrogen atoms



2. Predict the major product(s) of the following reactions and show a mechanism.



3. Propose a series of reactions that can be used to carry out the following synthesis.

