CONCEPT: CLASSIFYING AMINES

- Amines are classified based on how many ____ atoms are bonded to the ____ atom.
 - □ Classifications: primary (____), secondary (____), or tertiary (____).
- In a quaternary (____) ammonium ion, the N atom bonds to ____ C atoms and has a ____ charge.

EXAMPLE: Classify each structure as a primary, secondary, tertiary amine, or as a quaternary ammonium ion.

$$NH_2$$

PRACTICE: In the following structure, identify each functional group as primary, secondary, tertiary amine, or as a quaternary ammonium ion.