

Amines

Pre-lesson assignment – Textbook pg 474-476

Revise the following key words in context

- Primary
- Secondary
- Tertiary
- Aliphatic
- Aromatic
- Dative covalent bond

Make notes on amines

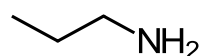
Use the following questions to structure your notes.

1. Draw the following amines and classify them as primary, secondary or tertiary.

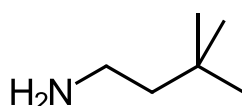
- Butylamine
- Phenylamine
- 2-methylphenylamine
- 2-methylpropylamine
- N-methylpropylamine

2. Name the following amines and classify them as primary, secondary or tertiary.

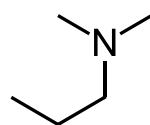
a.



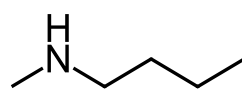
b.



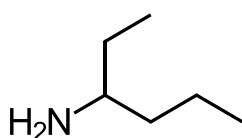
c.



d.



e.



3. Predict the reaction of each amine with hydrochloric acid. Write a balanced equation and name the product.

- Phenylamine
- N-methylpropylamine
- N,N,3-trimethylpentylamine