

Naming Haloalkanes

Haloalkanes contain one or more halogens as the functional group.

Rule 1:

The longest continuous chain containing the halogen group is considered to be the parent compound

Rule 2:

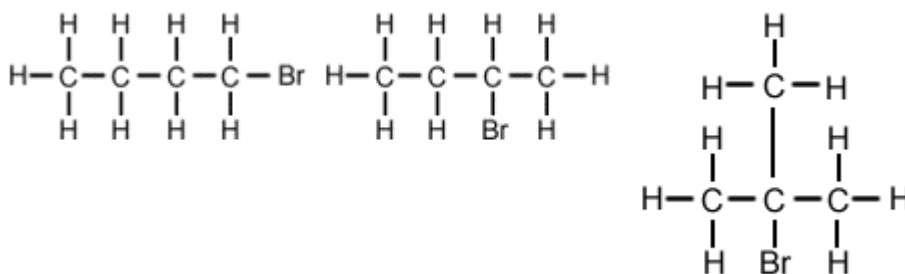
The chain is counted to give the carbon attached to the halogen the lowest number

Rule 3:

The prefix chloro, bromo, iodo etc is added to the parent compound together with the number of the carbon attached to the halogen

Activity:

Name the haloalkanes below:



Activity:

Draw the following haloalkanes:

2-chloropentane

2,2-dichlorobutane

3-iodo 4-methylhexane

1,2-dibromoethane