**Substituted Hydrocarbons**

Hydrocarbons are carbon chains surrounded by hydrogen’s. Hydrogen can be replaced with a carbon group or halogen on these chains. Carbon groups are named by the number of carbons in the chain from table P and end in “yl”. Di and tri can be added if there are multiple of the same side chain.

Ex. Draw 2 methyl pentane

Draw 2,3 dimethyl 5 ethyl 3 octene

Halogens can replace hydrogens and are also named ending in “o”

1,2,3 tri chloro pentane

1,2 di bromo 3 chloro 5 methyl hexane