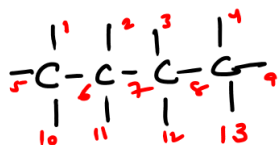
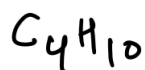


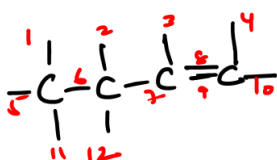
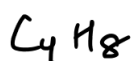
No. of Covalent bonds

alkanes
butane



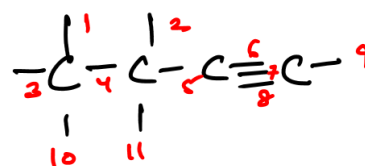
$$(4 + 10 - 1) = 13$$

alkenes
butene



$$(4 + 8) = 12$$

alkynes
butyne



$$(4 + 6 - 1) = 11$$

Why do we study Isomerism

Isomerism finds its importance in the field of clinical pharmacology, as isomers differ in their properties.

Drug isomerism has opened a new era of drug development. Currently, knowledge of isomerism has helped us in introducing safer and more effective drug alternatives of the newer as well as existing drugs.

Cetirizine to levocetirizine is one of such examples, where effective and safer drug has been made available.