

Nomenclature

Number of carbons in longest chain

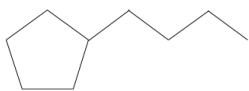
1	meth	6	hex	11	undec	16	hexadec
2	eth	7	hept	12	dodec	17	heptadec
3	prop	8	oct	13	tridec	18	octadec
4	but	9	non	14	tetradec	19	nonadec
5	pent	10	dec	15	pentadec	20	iso

Cyclo	Structure as a ring	add prefix cyclo
Alkane	All single bonds	add suffix ane
Alkene	Contains double bonds	add suffix ene
		add number where double bond starts before suffix
Alkyne	Contains triple bonds	add suffix ine
Yl	Branches off longer chain	add suffix yl to attached group
		add number for which C the group attached to as prefix

When group is attached to a ring consider how many Cs from group are attached to C attached to ring

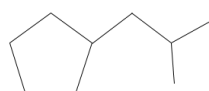
Iso	C attached to 1 C from group
Sec / S	C attached to 2 Cs from group
Tert / S	C attached to 3 Cs from group

butylcyclopentane



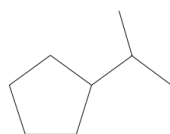
butylcyclopentane

iso-butylcyclopentane



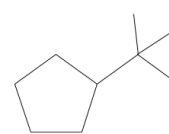
(2-methylpropyl)
cyclopentane

s-butylcyclopentane



(1-methylpropyl)
cyclopentane

tert-butylcyclopentane



(1,1 dimethylethyl)
cyclopentane

Alkyl Halides F, Cl, Br, I fluoro, chloro, bromo,

For numbering, double bonds have precedence over all constituents