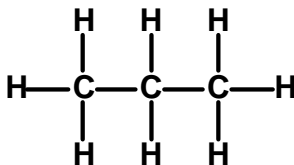


Homologous Series

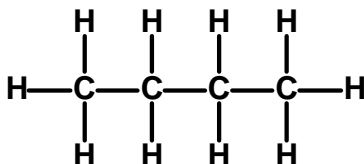
Date Due _____

Alkanes and Alkenes 1

Name	Number of carbons in the longest chain
Methane	1
Ethane	2
Propane	3
Butane	4
Pentane	5
Hexane	6
Heptane	7
Octane	8



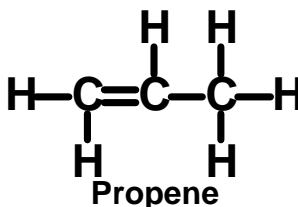
Propane



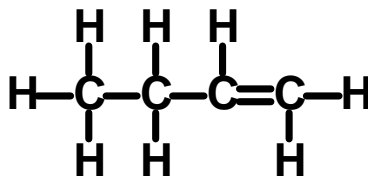
Butane

Draw the structures of hexane and pentane. Remember that each carbon must have 4 bonds and that a double bond counts as 2!

Name	Number of carbons in the longest chain
Methene	1
Ethene	2
Propene	3
Butene	4
Pentene	5
Hexene	6
Heptene	7
Octene	8



Propene



But-1-ene

**Draw the structures of pent-1-ene and hept-2-ene.
Remember that each carbon must have 4 bonds and that
a double bond counts as 2!**