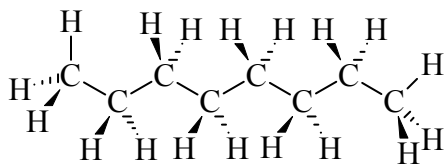
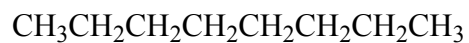


Depictions of octane

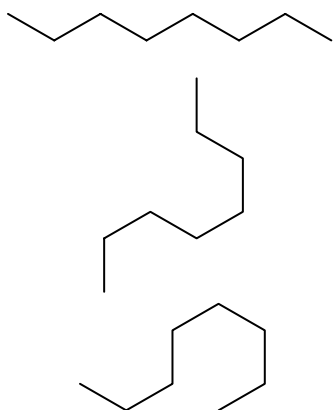
C_8H_{18} is molecular formula but there are 18 possible structural isomers



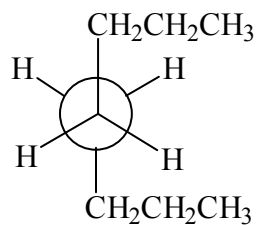
Lewis structure



condensed structural formula

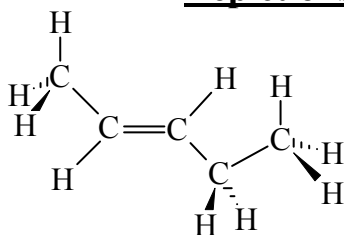


Line-angle or "zig-zag" structures

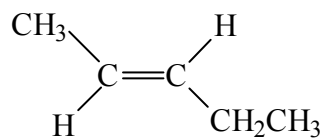


Newman projection
C4-C5 vantage point

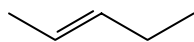
Depictions of trans 2-pentene



Lewis Structure



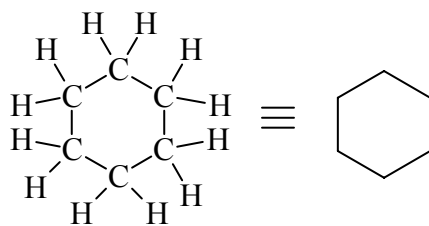
condensed structural formula



line-angle or zig-zag structure

Depictions of cyclic hydrocarbons

Cyclohexane



Benzene

