Organic Chemistry 212 Prof J. Walker Notes: Chapter Two - Alkanes	
Alkanes are saturated hydrocarbons What is the difference between saturat	ted and unsaturated hydrocarbons?
Draw line angle formulas for:	
propane	
butane	
2-methyl propane	
2-methyl butane	
What does iso mean?	
Draw the skeletal model of cyclohexane in the What is the difference between an axial and a	
The longer the alkane chain the	the boiling point.
The branched chain isomer has a	boiling point when compared to the straight chain equivalent.
The average density of a liquid alkane is	and for this reason these liquids on water.
How is it that you can observe liquid butane ir of 0°C?	n a lighter but it has, according to the chart on p. 35, a boiling point
Reactions of Alkanes CH₁ + O₂ →	
$CH_4 + Cl_2 \rightarrow$	

natural gas petroleum
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petroleum
petroleum
constitutional isomer
constitutional isomer