

Name _____ Date Due _____

Alkanes and Alkenes

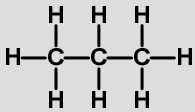
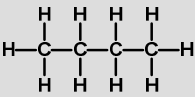
1. What is a hydrocarbon?

2. Complete the table...

Formula	Hydrocarbon?
C_2H_6	Yes
C_{60}	
$C_6H_{12}O_6$	
CH_5N	
H_2	
CH_4	

3. What information does a “full structural formula” tell us?

4. Complete the table (use a separate sheet if you need to!)

Name	Full structural formula	Shortened Structural formula
Propane		CH₃CH₂CH₃
Ethane		
		CH₄
		
Pentane		