

Name \_\_\_\_\_ Date Due \_\_\_\_\_

## Alkanes and Alkenes 2

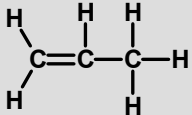
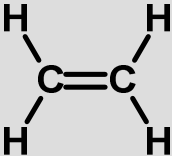
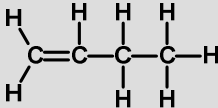
1. What is the difference between an alkane and an alkene?

2. Complete the table...

Hydrocarbon	Saturated or Unsaturated	General Formula
Alkane		
Alkene		
Cycloalkane		

3. How can we tell the difference between alkanes and alkenes?

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

Name	Full structural formula	Shortened Structural formula
<b>Propene</b>		<b>CH<sub>2</sub>CHCH<sub>3</sub></b>
<b>Ethene</b>		
<b>But-1-ene</b>		
		<b>CH<sub>3</sub>CHCHCH<sub>3</sub></b>
<b>Pent-2-ene</b>	