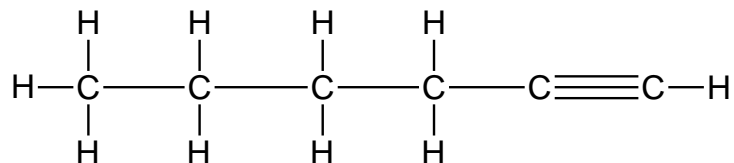


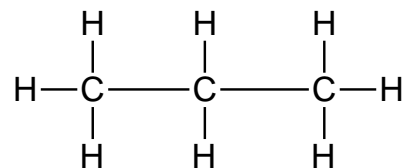
Hydrocarbons

1. Name the following compounds:

a. _____



b. _____



2. Draw the following compounds:

a. 1-pentene

b. octane

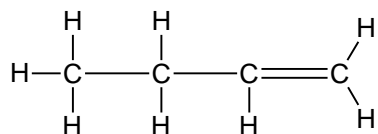
3. Give the molecular formula for each structure in question 2.

a.

b.

4. Name two isomers of C_4H_6 , and draw their structural diagrams.

5. A student named the following compound 3-butene. Describe why the student's answer is wrong, and give the correct name for the compound.



3-butene