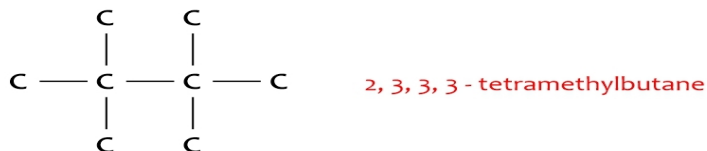


Name \_\_\_\_\_ **answers** \_\_\_\_\_ Date \_\_\_\_\_

# CARBON CHEMISTRY

Name the following molecule.



Fill in the name or formula for the following open-chain hydrocarbons (no cyloalkanes)

$\text{C}_3\text{H}_8$      propane

$\text{C}_5\text{H}_8$      pentyne

$\text{C}_{10}\text{H}_{22}$      decane

butene      $\text{C}_4\text{H}_2$

octyne      $\text{C}_8\text{H}_{14}$

nonene      $\text{C}_9\text{H}_{18}$

$\text{C}_2\text{H}_4$      ethene

propene      $\text{C}_5\text{H}_{12}$

pentane      $\text{C}_5\text{H}_{12}$

$\text{C}_9\text{H}_{16}$      nonyne

ethyne      $\text{C}_2\text{H}_2$

$\text{C}_7\text{H}_{16}$      heptane

$\text{C}_4\text{H}_{10}$      butane

$\text{C}_8\text{H}_{16}$      octane

hexyne      $\text{C}_6\text{H}_{10}$