

Let's Do Science: Molecule Building!!

Name: _____

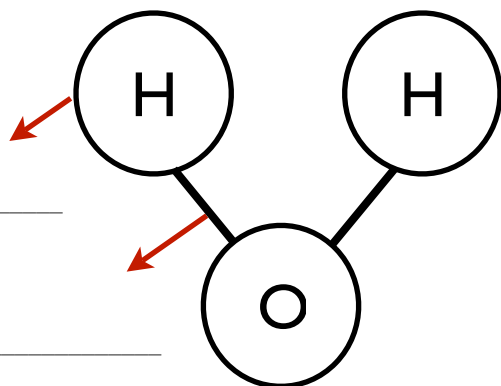
Date: _____

How many of each atom are in each molecule? Write your answer in the appropriate box.

Molecular Name	Common Name	Hydrogens	Oxygens	Carbons	Other
H_2O					
CO_2					
CH_3COOH					
$CaCO_3$					
$C_6H_{12}O_6$					
$NaCl$					

Let's Do Science: Molecule Building!!

What is a bond? A bond is the part of the molecule that connects two atoms together. Label the bond and the atom. Answer the following questions about the characteristics of your molecules.



Write the molecular name of the molecule pictured: _____

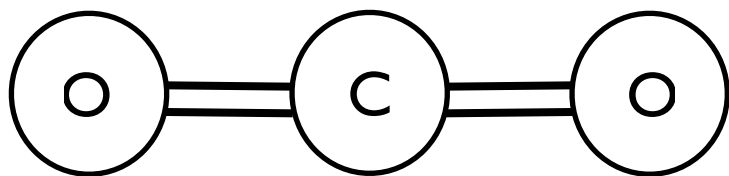
What is common name of the molecule pictured? _____

How many bonds are in this molecule? _____

What atoms make up this molecule? _____

Write the molecular name of the chemical pictured: _____

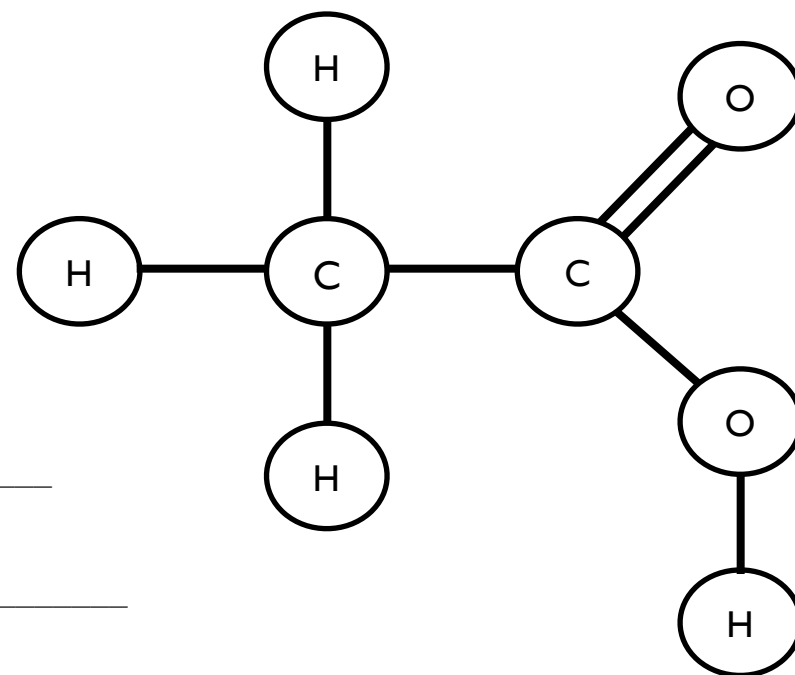
What is common name of the molecule pictured? _____



How many bonds are in this molecule? _____

What atoms make up this molecule? _____

Let's Do Science: Molecule Building!!



Write the molecular name of the chemical pictured: _____

What is common name of the molecule pictured? _____

How many bonds are in this molecule? _____

What atoms make up this molecule? _____

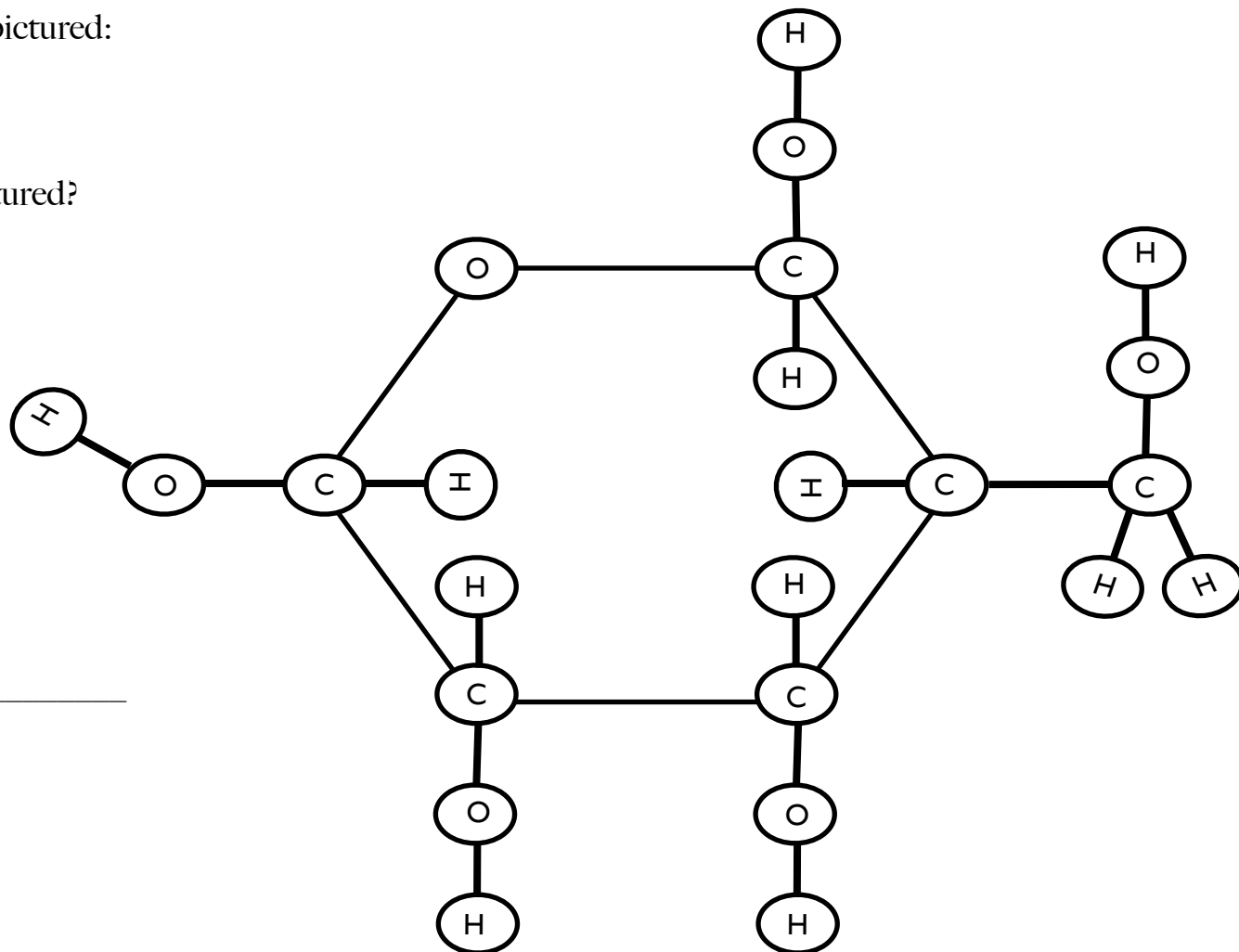
Let's Do Science: Molecule Building!!

Write the molecular name of the chemical pictured:

What is common name of the molecule pictured?

How many bonds are in this molecule?

What atoms make up this molecule?



Let's Do Science: Molecule Building!!

This is how scientists write a chemical reaction.

Do you remember how we saw a chemical reaction when we combined 1) vinegar and chalk, 2) vinegar and sand, 3) vinegar and crab shell, 4) vinegar + cone snail shell? The bubbles that we saw were carbon dioxide (CO_2) being released from the calcium carbonate (CaCO_3)! Use this model to replicate the chemical reaction with the materials you were given in class.

