

Lesson 63: Molecular Compounds

Chemistry with Lab

1. In molecular compounds, _____ are used to show the number of atoms of each element per molecule.
2. Organic compounds are generally defined as compounds that contain the element _____.
3. A special type of organic compounds is _____ which are composed of only hydrogen and carbon atoms.
4. C_nH_{2n+2} is the general form for the specific group of organic compounds called _____.
5. Molecular compounds are formed between atoms of
 - a. nonmetals
 - b. metals
 - c. metals and nonmetals
6. Compounds containing only single bonds are said to be
 - a. saturated
 - b. unsaturated

Write the formula of the following compounds.

silicon dioxide _____ carbon tetrachloride _____

methane _____ octane _____

dinitrogen trisulfide _____ butene _____

tetraphosphorus triselenide _____