

Molecules and Compounds Extra Practice

____ 1. How many atoms of Carbon are in CH_4 ?
 a. 1 b. 2
 c. 3 d. 4

____ 2. How many atoms of Hydrogen are in CH_4 ?
 a. 1 b. 2
 c. 3 d. 4

____ 3. Is CH_4 a molecule, compound, or both?
 a. Molecule
 b. Compound
 c. Both

____ 4. How many atoms of Oxygen are in CO_2 ?
 a. 0 b. 1
 c. 2 d. 3

____ 5. How many atoms of Carbon are in CO_2 ?
 a. 0 b. 1
 c. 2 d. 3

____ 6. Is CO_2 a molecule, compound, or both?
 a. Molecule
 b. Compound
 c. Both

____ 7. How many atoms of Hydrogen are in H_2 ?
 a. 0 b. 1
 c. 2 d. 3

____ 8. Is H_2 a molecule, compound, or both?
 a. Molecule
 b. Compound
 c. Both

____ 9. Which of these is a compound?
 a. C_3
 b. H_2
 c. H_2O
 d. O_3

____ 10. A substance that forms when 2 or more elements chemically combine is called a-
 a. Molecule
 b. Compound
 c. Element
 d. Atom

____ 11. A substance that forms when 2 or more atoms chemically combine is called a-
 a. Molecule
 b. Compound
 c. Element
 d. Atom

____ 12. The smallest unit of matter is called an-
 a. Molecule
 b. Compound
 c. Element
 d. Atom

____ 13. What is the chemical formula for the molecule shown?
 a. Water
 b. H_2O
 c. O_2H
 d. Hydrogen



