

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



