

Molecules and Compounds Extra Practice

1. How many atoms of Carbon are in CH₄?

- a. 1
- b. 2
- c. 3
- d. 4

2. How many atoms of Hydrogen are in CH₄?

- a. 1
- b. 2
- c. 3
- d. 4

3. Is CH₄ a molecule, compound, or both?

- a. Molecule
- b. Compound
- c. Both

4. How many atoms of Oxygen are in CO₂?

- a. 0
- b. 1
- c. 2
- d. 3

5. How many atoms of Carbon are in CO₂?

- a. 0
- b. 1
- c. 2
- d. 3

6. Is CO₂ a molecule, compound, or both?

- a. Molecule
- b. Compound
- c. Both

7. How many atoms of Hydrogen are in H₂?

- a. 0
- b. 1
- c. 2
- d. 3

8. Is H₂ a molecule, compound, or both?

- a. Molecule
- b. Compound
- c. Both

9. Which of these is a compound?

- a. C₃
- b. H₂
- c. H₂O
- d. O₃

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-

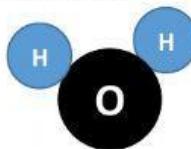
- a. Molecule
- b. Compound
- c. Element
- d. Atom

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. H₂O
- c. O₂H
- d. Hydrogen



LIVEWORKSHEETS