

1. A ____ compound is a compound whose atoms share electrons through covalent bonds.

- A) Ionic
- B) Metallic
- C) **Molecular**
- D) Electrolyte

2. The ____ are composed of positively and negatively charged ions held together by electrostatic forces.

- A) Molecules
- B) **Ionic compounds**
- C) Covalent compounds
- D) Atoms

3. The representative unit of a molecular compound is a ____.

- A) Atom
- B) Ion
- C) **Molecule**
- D) Formula unit

4. A molecule is made up of ____ that act as a single unit.

- A) Ions
- B) **Two or more atoms**
- C) Metals
- D) Neutrons

5. The representative unit for an ionic compound is called a ____.

- A) Atom
- B) **Formula unit**
- C) Molecule
- D) Electron

6. Ionic compounds are made up of a combination of ____ atoms.

- A) Only nonmetal
- B) Only metal
- C) **Metal and nonmetal**
- D) Two nonmetals

7. Molecular compounds are made up of ____.

- A) Metals
- B) **Only nonmetals**

- C) Metal and nonmetal
- D) Ions

8. The ionic compound sodium chloride has the chemical formula _____.

- A) Na_2O
- B) **NaCl**
- C) KCl
- D) Na_2Cl

9. The chemical formula of a molecule of water is _____.

- A) H_2O_2
- B) **H_2O**
- C) HO
- D) OH_2

10. Carbon monoxide is a molecular compound with the chemical formula _____.

- A) CO_2
- B) C_2O
- C) **CO**
- D) C_0