



Name _____ Class _____ Date _____

Match each of the following terms to its definition:

Chemical formula

Compound

Molecular mass

Polarity

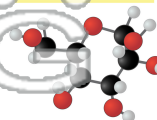
Metallic bond

Covalent bond

Molecule

Ionic bond

1. _____ - a formula using symbols, that shows the number of each kind of atom in a molecule



2. _____ - a molecule made up of two or more different elements that are chemically combined



3. _____ electrons



4. _____ electrons

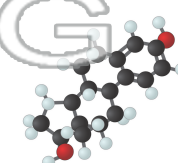
5. _____ metal tog

PREVIEW
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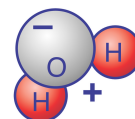
6. _____ - the total mass of all the atoms in a molecule



7. _____ - the smallest unit of an element formed when two or more atoms join together chemically; the chemical combination of at least two atoms



8. _____ - the force that causes an unequal sharing of electrons in some covalent bonds





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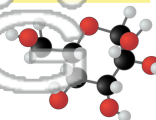
Metallic bond

Covalent bond

Molecule

Ionic bond

1. **chemical formula** - a formula using symbols, that shows the number of each kind of atom in a molecule



2. **compound** - a molecule made up of two or more different elements that are chemically combined



3. **covalent bond** - sharing of electrons



4. **ionic bond** - transfer of electrons



5. **metallic bond** - metal to metal



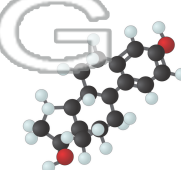
PREVIEW

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6. **molecular mass** - the total mass of all the atoms in a molecule



7. **molecule** - the smallest unit of an element formed when two or more atoms join together chemically; the chemical combination of at least two atoms



8. **polarity** - the force that causes an unequal sharing of electrons in some covalent bonds

