

Name: _____

Date: _____

- 1 Across
1. a neutral particle that forms as a result of electron sharing
- A Element
 - B CovalentBond
 - C ChemicalFormula
 - D IonicBond
 - E Helium
 - F Molecule
- 2 Across
5. the lightest noble gas
- A Element
 - B CovalentBond
 - C ChemicalFormula
 - D IonicBond
 - E Helium
 - F Molecule
- 3 Across
7. an electrical attraction between positively and negatively charged ions in an ionic compound
- A Element
 - B CovalentBond
 - C ChemicalFormula
 - D IonicBond
 - E Helium
 - F Molecule
- 4 Across
11. a notation using atomic symbols and subscripts to show the elements and the number of atoms of each element in a compound
- A Element
 - B CovalentBond
 - C ChemicalFormula
 - D IonicBond
 - E Helium
 - F Molecule

5 Across
12. a chemical bond formed when atoms share electrons

- A Element
- B CovalentBond
- C ChemicalFormula
- D IonicBond
- E Helium
- F Molecule

6 Across
13. a pure substance made of only one kind of atom

- A Element
- B CovalentBond
- C ChemicalFormula
- D IonicBond
- E Helium
- F Molecule

7 Down
2. a diagram that represents an atom and its electrons

- A ChemicalBond
- B BinaryCompound
- C LewisDotDiagram
- D NobleGas
- E Valence
- F Compound

8 Down
3. a pure substance that contains two or more elements

- A ChemicalBond
- B BinaryCompound
- C LewisDotDiagram
- D NobleGas
- E Valence
- F Compound

9 Down
4. an ionic compound that consists of only two different ions

- A ChemicalBond
- B BinaryCompound
- C LewisDotDiagram
- D NobleGas
- E Valence
- F Compound

- 10 Down
6. a gas in the rightmost column of the periodic table with a full outer energy level
- A ChemicalBond
 - B BinaryCompound
 - C LewisDotDiagram
 - D NobleGas
 - E Valence
 - F Compound
- 11 Down
8. a force that holds atoms together to form a compound
- A ChemicalBond
 - B BinaryCompound
 - C LewisDotDiagram
 - D NobleGas
 - E Valence
 - F Compound
- 12 Down
9. the number of electrons in the outermost energy level of an atom
- A ChemicalBond
 - B BinaryCompound
 - C LewisDotDiagram
 - D NobleGas
 - E Valence
 - F Compound
- 13 Down
10. negatively charged particle that is one of the three basic building blocks of atoms
- A ChemicalBond
 - B Electron
 - C LewisDotDiagram
 - D NobleGas
 - E Valence
 - F Compound

