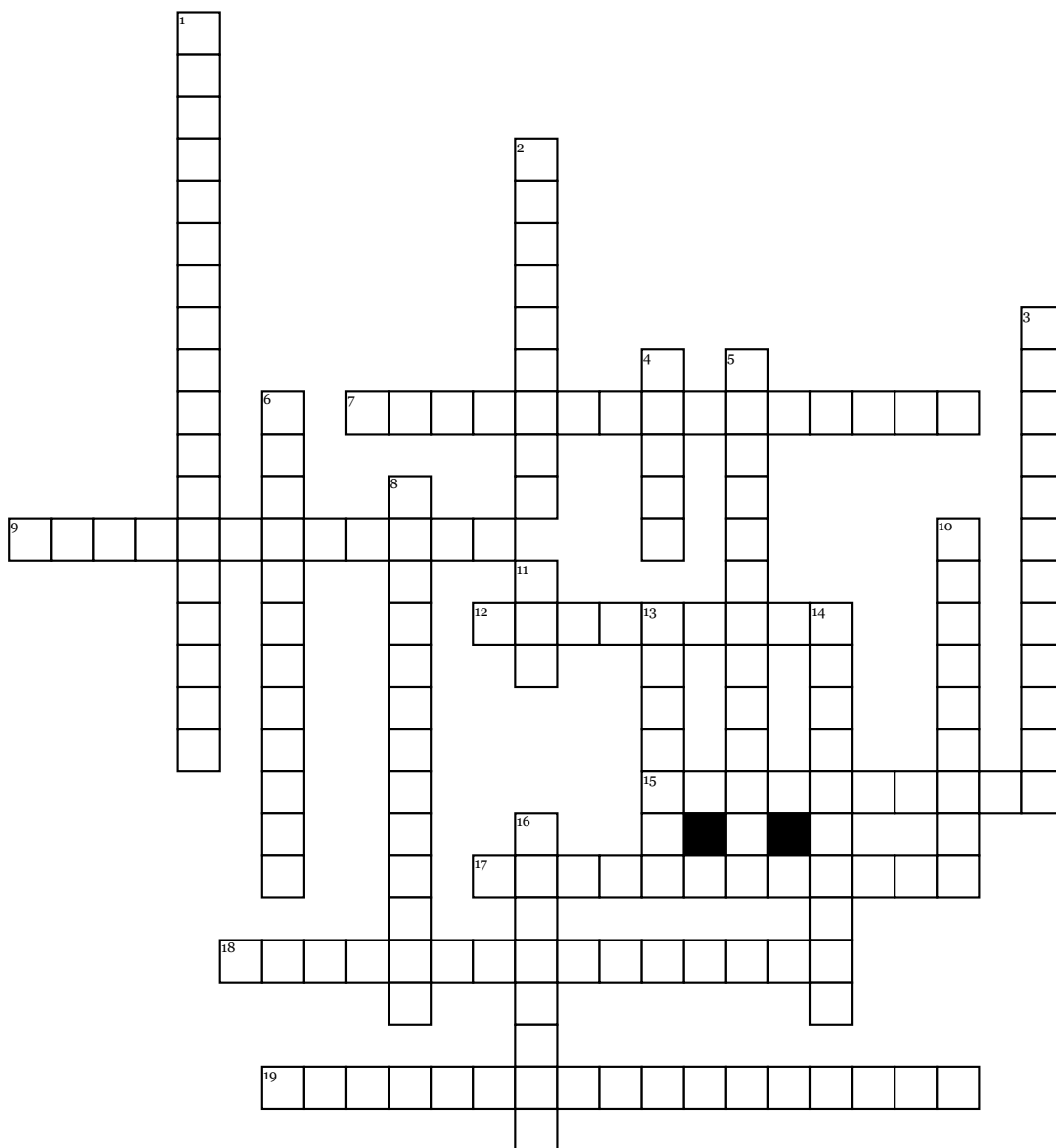


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Chapter 5 Vocab



## Across

**7.** A combination of symbols that represent that represent elements in a compound.

**9.** A powerful force that holds two atoms together.

**12.** An attraction between oppositely charged ions

**15.** A chemical bond formed when atoms share 3 pairs of electrons.

**17.** A chemical bond formed when two atoms share an electron.

**18.** Electrons that are in the highest energy level of an atom, and they play a role is chemical reactions.

**19.** A compound made up of molecules

## Down

**1.** A diagram of all valence electrons inside an atom, using dots.

**2.** A number in a chemical formula that tells the number of atoms in molecule.

**3.** A covalent bond where electrons are equally shared.

**4.** A mixture of two elements involving a metal.

**5.** An ion made up of more than one atom.

**6.** An attraction between a positive metal ion and all electrons surrounding it.

**8.** A compound consisting of positive and negative ions.

**10.** A covalent bond when electrons are equally shared.

**11.** An atom or group of atoms that has electric charge.

**13.** A three-denominational pattern of ions in a solid.

**14.** A chemical bond formed when atoms share two pairs of electrons.

**16.** A neutral partial made of two or more atoms joined together by chemical bond.