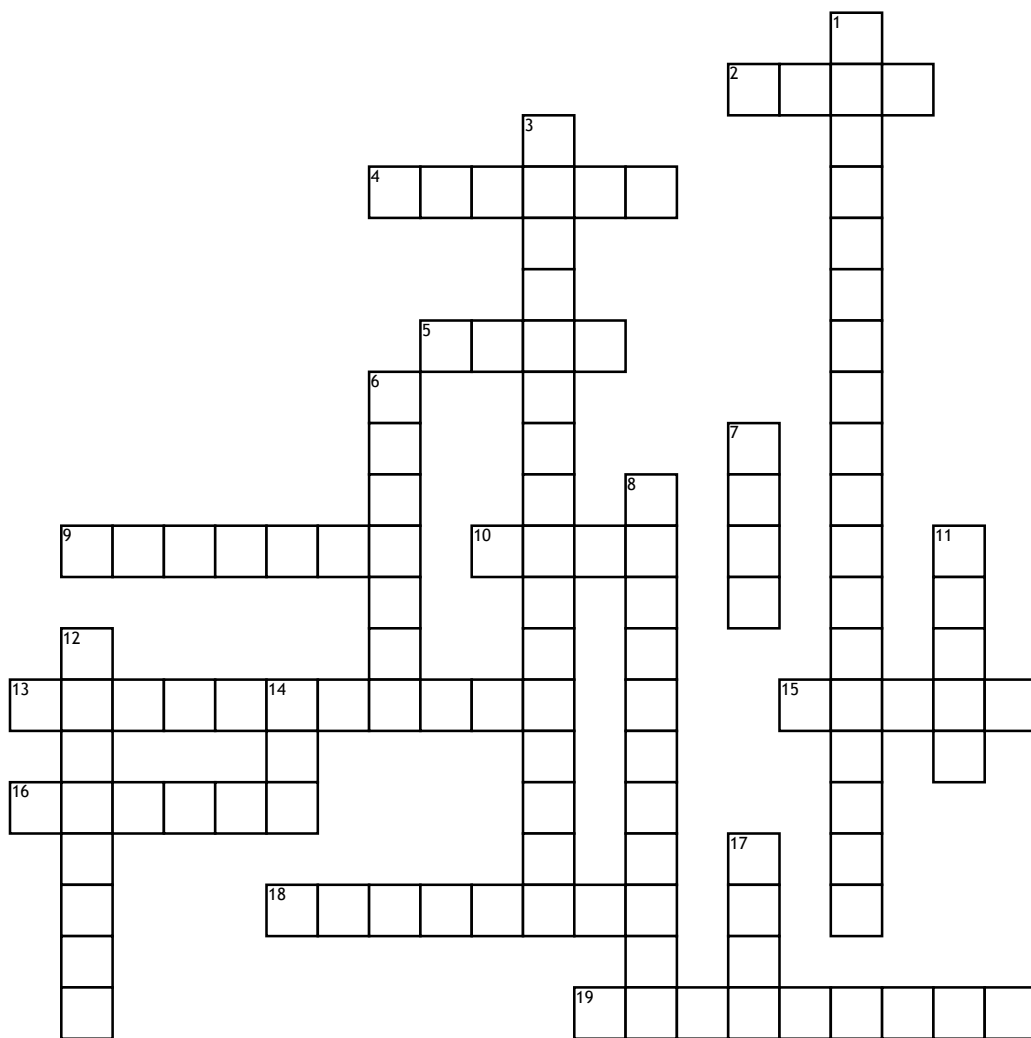


Chapter 9: Naming Compounds



Across

2. The following formula represents a(n) _____. HCN
4. Name of a compound that is made up of 2 elements.
5. A compound that produces H ions in a solution.
9. Name the following polyatomic ion. SO₄
10. The following formula represents a(n) _____. KOH
13. Give the expected charge for the ion of Ba.

15. Type of bonding that takes place between a metal and nonmetal.
16. An atom or group of atoms with a positive charge.
18. Which type of compound contains prefixes in the name?
19. A compound that is made when two nonmetals are bonded.

Down

1. Name the following molecular compound. H₂O
3. Name the following compound. CaCO₃

6. Electrons that are used in bonding are called...
7. What is the net charge on every ionic compound?
8. Give the expected charge on the atom for group 6A.
11. Which type of compound does not contain prefixes in the name?
12. Type of bonding that takes place between 2 nonmetals
14. An atom or group of atoms that has a charge.
17. A compound that produces hydroxide ions in solution.

Word Bank

sulfate
Dihydrogenmonoxide
acid
ionic
valence

cation
covalent
base
ionic
ion

zero
Molecular
positivetwo
Calciumcarbonate
Binary

Base
negativetwo
Covalent
acid