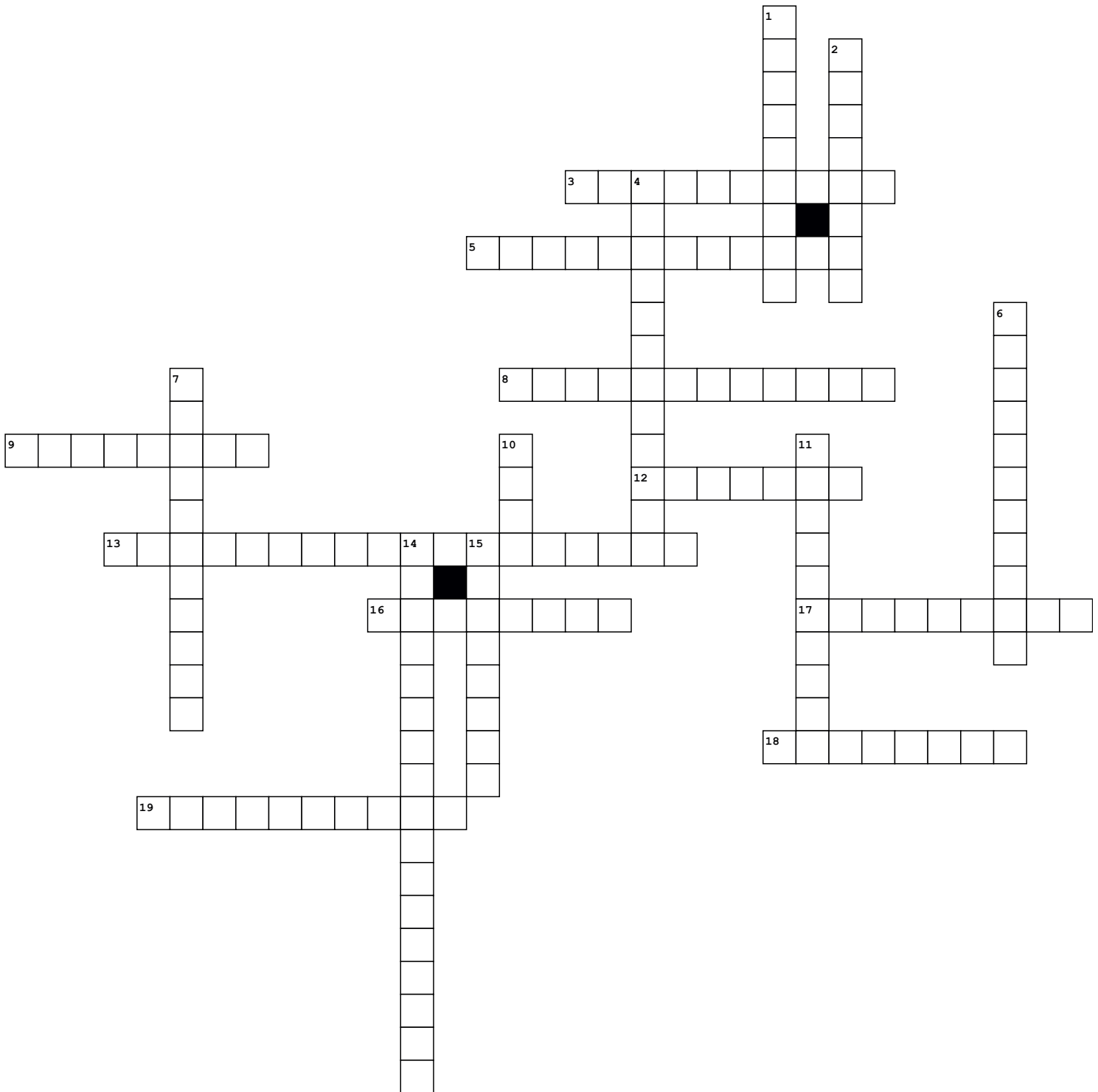


# Chemistry Crossword



## Across

3. a mixture containing particles that settle out if left undisturbed
5. sharing of electrons by atoms so that all atoms involved achieve a filled valence level.

## Down

1. the random movement of gas molecules from an area of higher concentration to an area of lower concentration

8. the temperature at which the EVP is equal to standard atmospheric pressure
9. diffusion through a tiny opening
12. biological catalysts that speed up the rate of reactions in the body
13. a description of an element's tendency to undergo chemical reactions.
16. equation shows only those reactants and products that are the new materials formed from the chemical reaction
17. transfer of electrons between atoms, resulting in cations and anions
18. change in heat of the products from the reactantsCatalyst- a substance speeds up a chemical reaction without itself undergoing any chemical change.
19. atoms will gain, lose, or share valence e- to attain a 8 valence electrons
2. microscopic particles are dispersed evenly in another substance
4. the amount of heat/energy to 1 gram of a substance by 1 degrees C.
6. transition of a substance directly from solid to gas
7. the temperature and pressure at which the solid, liquid, and gas forms of a substance coexist.
10. the total amount of energy; movement
11. transition of a substance directly from gas to solid
14. a measure of how strongly atoms attract bonding e- to themselves. The higher the number, the greater the attraction for e-.
15. point- the point on a phase diagram in which two phases of a substance become indistinguishable from each other, a supercritical fluid. Supercritical fluids have the characteristics of both liquids and gases.