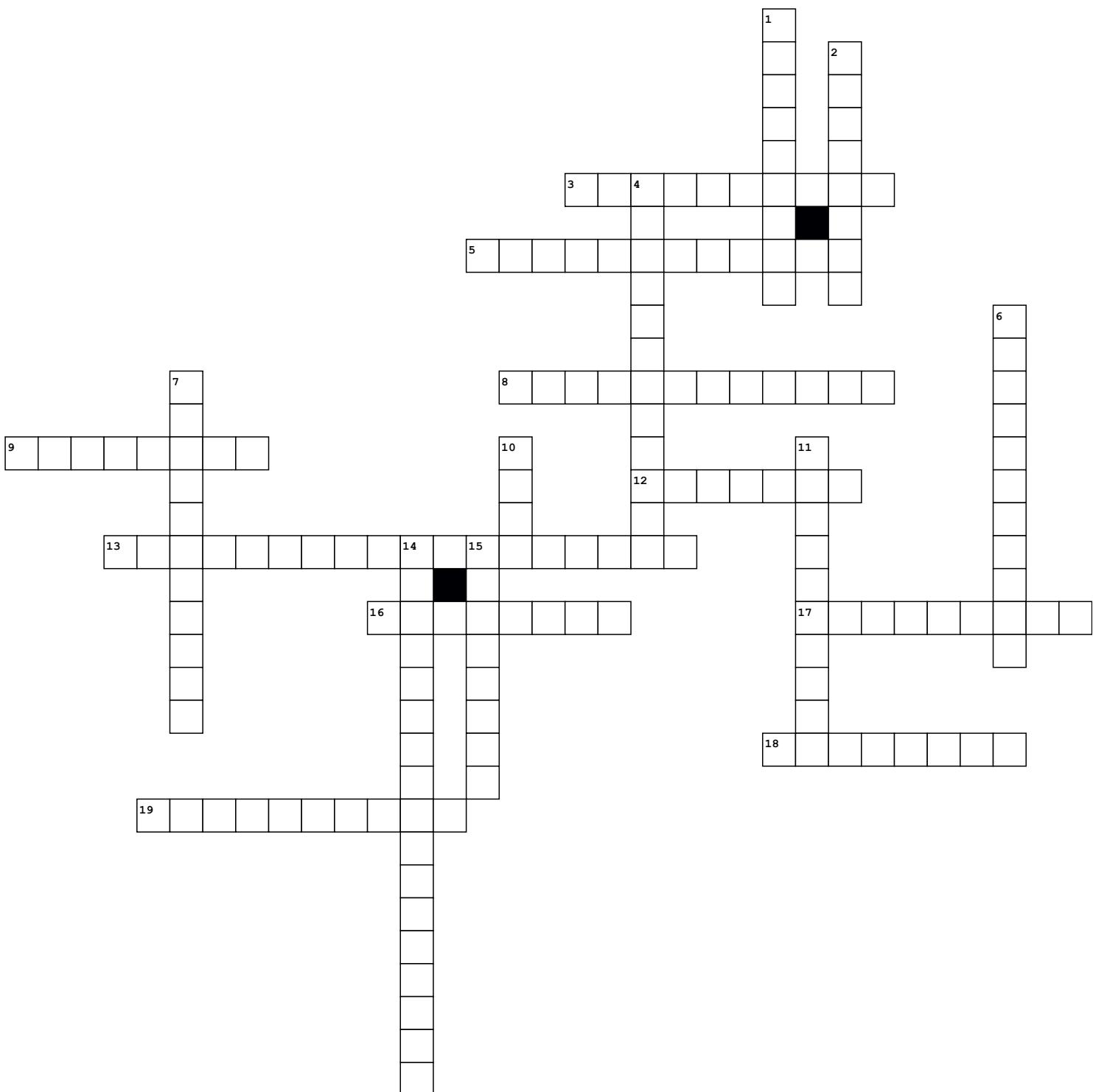


Chemistry Crossword



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.