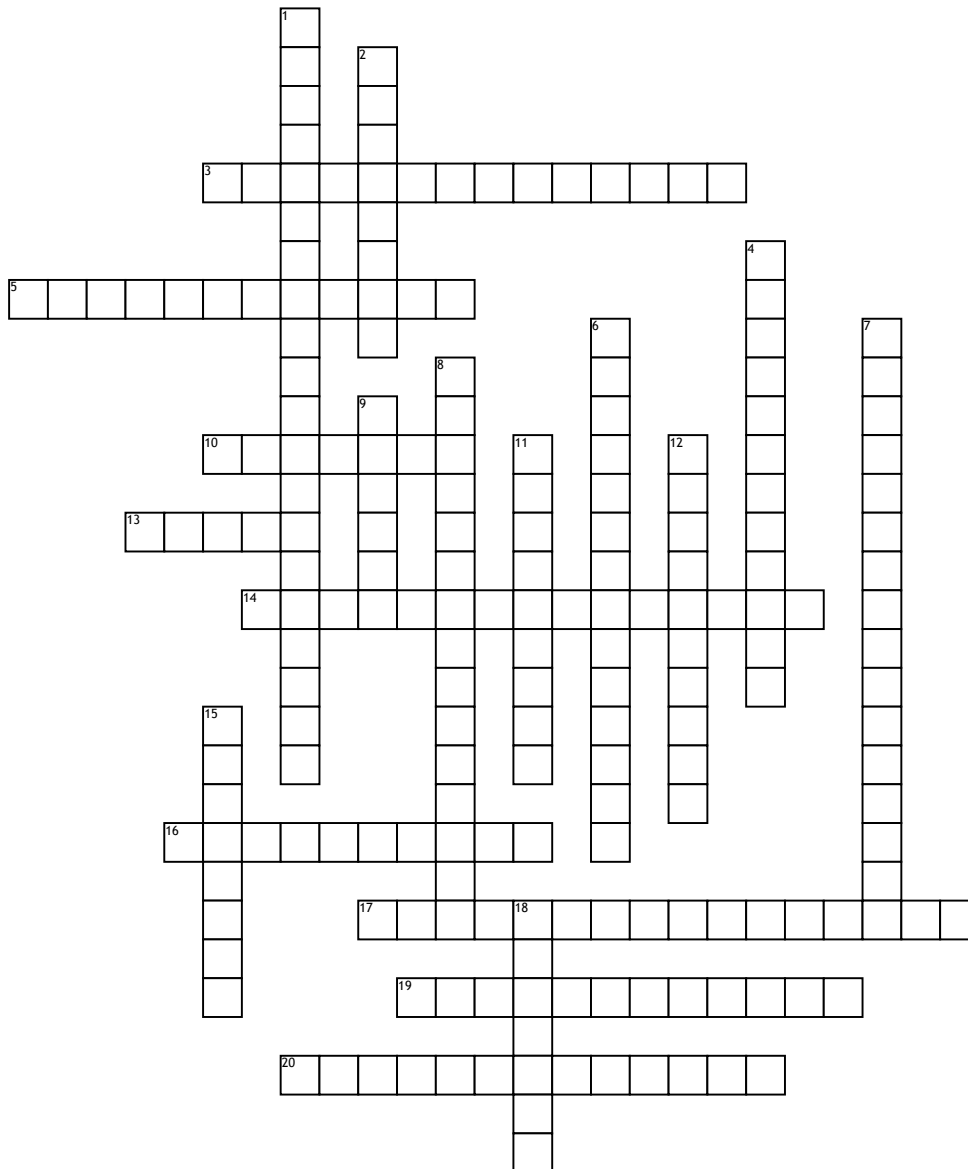


Science



Across

3. Inward force or pull that tends to minimize the surface area of the liquid
5. Conduct electricity when dissolved in a solution
10. Scattering of light
13. What polarity does water have?
14. Do not conduct electricity
16. Particles > 100 nm; settle to the bottom
17. 4.18 J/g °C
19. 100°C
20. The release of gas from a solution

Down

1. The greater the intermolecular forces the more spherical the drop
2. mol solute /L solution
4. The amount of heat required to change the temperature by 1°C
6. As water cools, it starts to contract, causing mass to decrease while volume remains constant
7. •Pressure created as molecules that escape from the liquid phase to the gaseous phase
8. Creates a large network between adjacent molecules

9. The substance that is being dissolved

11. Molarity and Volume are indirectly related

12. The solubility of a gas in a liquid is directly proportional to the partial pressure of the gas on the surface of the liquid

15. Homogenous mixture; solid, liquid, or gas

18. The medium that is dissolving another substance