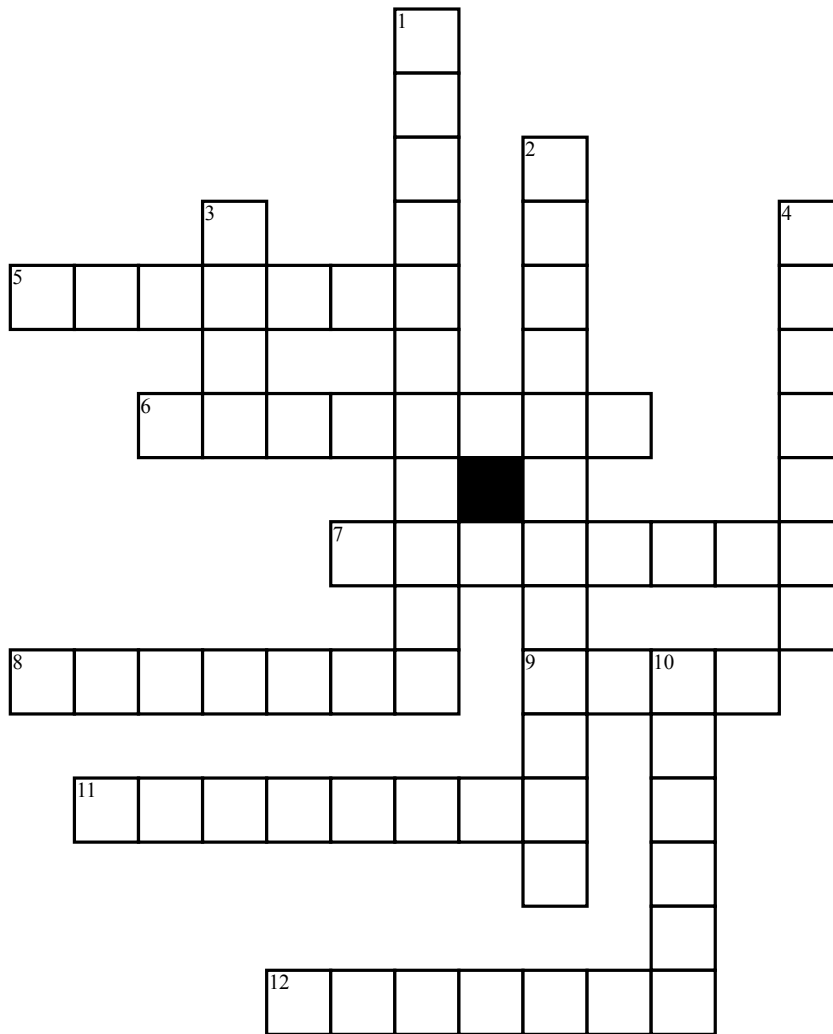


Name: _____

Properties of Water



Across

- 5. A measurement system that measures the concentration of H⁺ ions in a solution
- 6. An attraction between molecules of the same substance
- 7. An attraction between molecules of the same substance
- 8. Weak acids or bases that can react with strong acids to prevent sharp, sudden changes in pH

9. A compound that produced Hydroxide (OH⁻) ions in a solution

- 11. Ions gradually become dispersed in the water
- 12. A material composed of two or more elements or compounds that are physically mixed together, but not chemically combined

Down

1. Mixtures of water and non dissolved material

- 2. The Attraction between a hydrogen atom with a partial + charge and another atom with a partial - charge
- 3. Any compound that forms H⁺ ions in a solution
- 4. The substance in which the solute dissolves
- 10. The substance that is dissolved

Word Bank

- | | | | |
|--------------|----------|----------|-------------|
| Base | Solvent | Cohesion | Adhesion |
| HydrogenBond | Solution | Buffers | Suspensions |
| Acid | pHScale | Solute | Mixture |