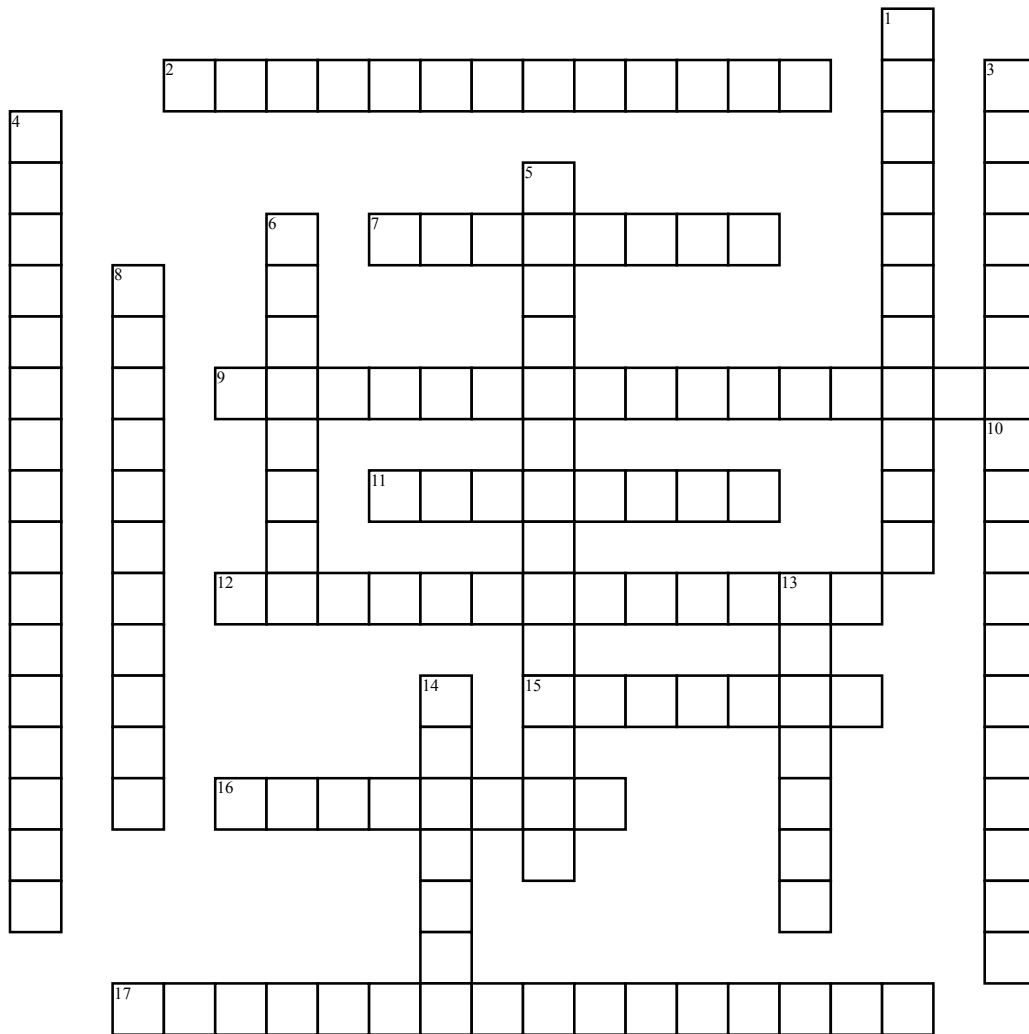


Name: _____

Date: _____

Water Properties



Across

2. A molecule in which one side of the molecule is slightly negative and the opposite side is slightly positive.
 7. Solvent + Solute= Solution (koolaid)
 9. Tendency of water to rise in a thin tube against the force of gravity and due to the cohesion and adhesion forces of attraction.
 11. An attraction between molecules of different substances.
 12. The weak inter-molecular bonds that form between the hydrogen atom of one water molecule and the oxygen atom of another water molecule.
 15. Does the dissolving.

16. Attraction between molecules of the same substance

17. Water can absorb or release a tremendous amount of energy with little change in actual temperature. The ability of water to resist changes in temperature.

Down

1. A substance that water hates water. (non polar molecule like oil)
 3. Substance being dissolved. (salt)
 4. Water- due to its polarity and ability to dissolve other polar molecules.
 5. An invisible film at the surface of water that allows objects to walk. This is caused by the cohesive forces.

6. Water is a polar molecule with one oxygen atom negatively charged and two hydrogen atoms positively charged.

8. A substance that likes water.(polar molecules)

10. The process of maintaining the body chemical and thermal components in equilibrium.

13. The ratio of the mass of a substance to the volume of the substance.

14. Scale with values from 0 to 16, used to measure the concentration of H⁺ ions in a solution.

Word Bank

Capillary Action	Universal Solvent	Cohesion	pH scale	Hydrophilic
Solute	Surface Tension	Adhesion	Hydrophobic	Hydrogen Bonds
Homeostasis	Solvent	Polarity	Polar Molecule	High Specific Heat
Solution	Density			