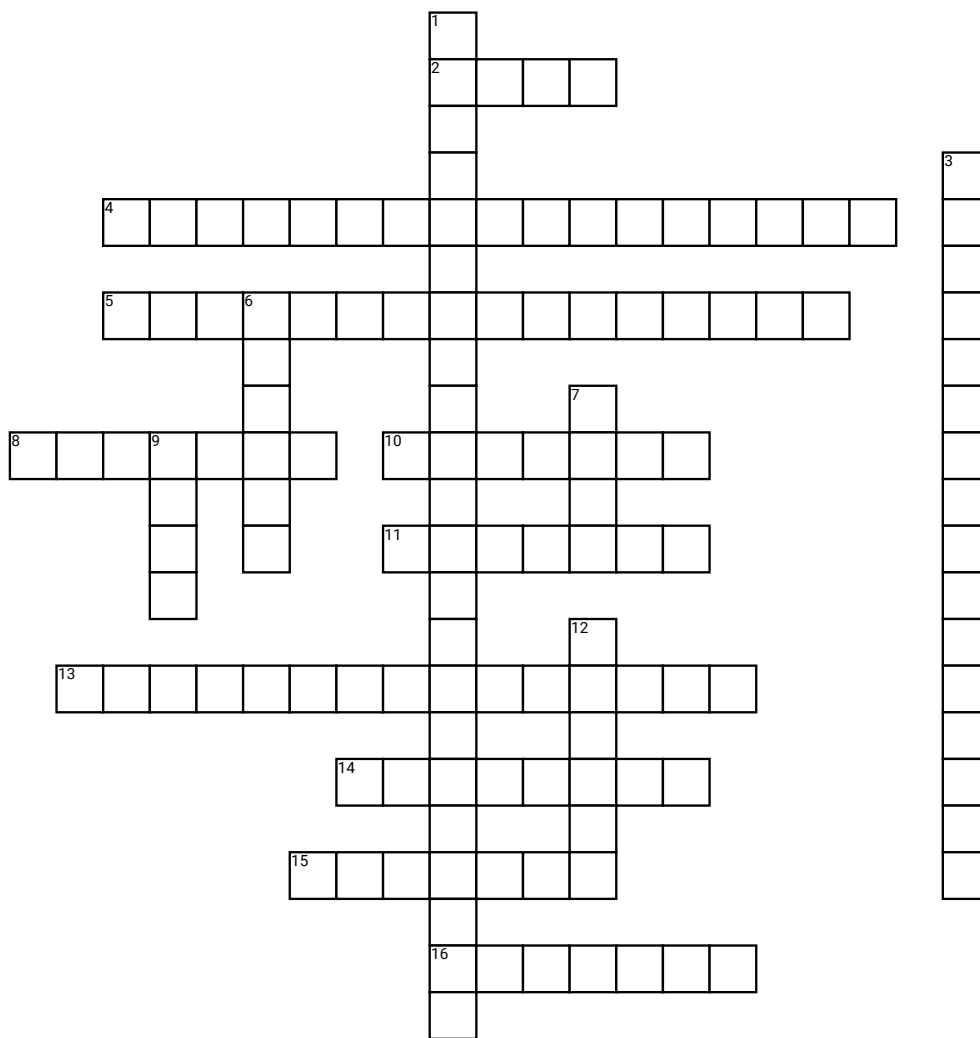


PS.2



Across

- 2.** Any compound that increases the number of hydrogen ions when dissolved in water
4. A compound that does not contain carbon
5. A property of matter that describes a substance based on its ability to change into a new substance with different properties
8. The amount of matter in a given space; mass per unit volume
10. A scale used to indicate the concentration of hydrogen ions created when a solution is mixed with water

- 11.** The substance in which a solute is dissolved to form a solution
13. A compound that contains carbon
14. A pure substance composed of two or more elements that are chemically combined
15. A combination of two or more substances that are not chemically combined
16. A pure substance that cannot be separated or broken down into simpler substances by physical or chemical means

- 3.** A property of matter that can be observed or measured without changing the identity of the matter
6. Anything that has volume and mass
7. Any compound that increases the number of hydroxide ions when dissolved in water
9. An ionic compound formed from the positive ion on a base and the negative ion of an acid
12. The substance that is dissolved to form a solution

Down

- 1.** All matter is composed of tiny particles called atoms

Word Bank

Base	Solute	Particle Theory of Matter	Solvent
Inorganic Compound	Compound	Mixture	Physical Property
Density	Salt	pH Scale	Chemical Property
Element	Acid	Matter	Organic Compound