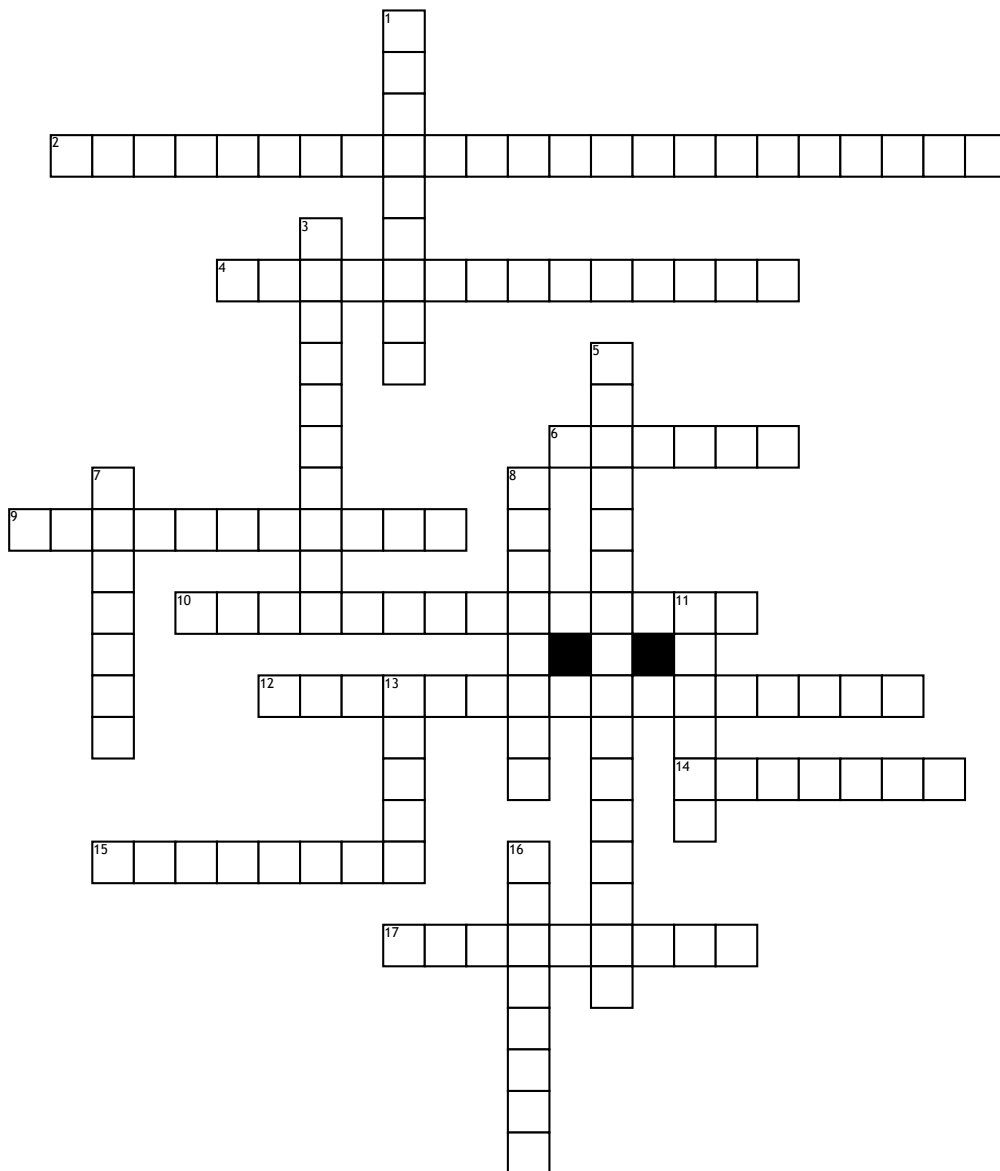


Periodic Table and Properties



Across

- 2. Matter is not created or destroyed
- 4. Formation of a new substance with different properties; cannot be undone or changed back
- 6. Shiny, Malleable, ductile, and good conductors
- 9. Number placed in front of a chemical formula in a chemical equation; represents the number of molecules of that substance
- 10. Change from ice to water, or water to steam

12. Property of matter that can be observed without changing the composition or identity of the matter.

- 14. Substances resulting from a chemical reaction
- 15. How many groups are in the Periodic Table
- 17. Dull, Brittle, and poor conductors

Down

- 1. Number written to the right and slightly below an element in a chemical formula, representing the number of atoms for that element.
- 3. Properties of both metals and non-metals

5. Characteristic of a substance that describes how it combines with other substances to form new ones.

- 7. horizontal rows on the periodic table
- 8. Substances that are combined and changed during a chemical reaction
- 11. Vertical columns on the periodic table
- 13. How many periods are in the periodic table
- 16. A substance made of two or more elements