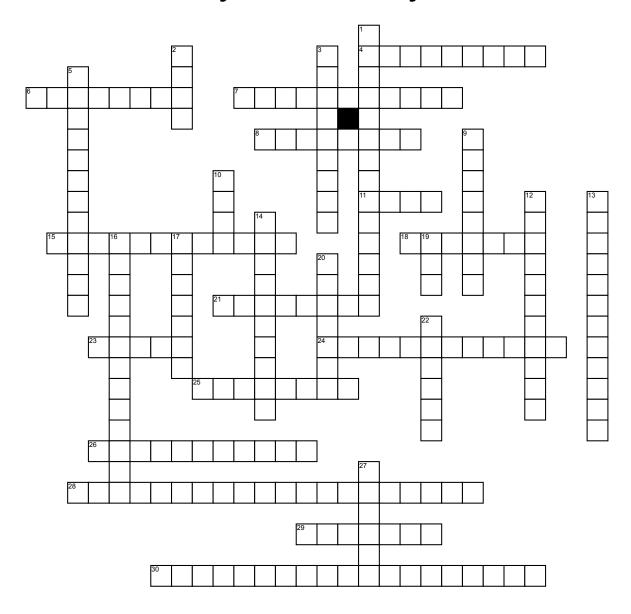
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Chemistry Review by Elise C.



Across

- **4.** The study of composition, structure, and properties
- **6.** Atoms of the same element that have different masses
- **7.** A solid that can be produced as a result of a chemical reaction
- 8. A polyatomic ion that contains oxygen
- **11.** An ionic compound composed of a cation and the anion from an acid
- **15.** The number of protons in the nucleus of each atom
- 18. Blend of 2 or more kinds of matter
- 21. Elements in group 17
- 23. State has a definite volume and shaoe
- 24. The process in which an electric current is used to produce oxidation
- **25.** Substances formed by a chemical change

- **26.** The sum of the average atomic masses of all the atoms represented in the formula of any molecule, unit, or ion
- **28.** A reaction in which the ions of two compounds exchange places in an aqueous solution to form two new compounds
- **29.** Horizontal rows of elements on the periodic table
- 30. A reaction in which two or more substances combine to from a new compound

Down

- 1. A list of elements organized according to reactibility
- 2. The measure of the amount of matter
- **3.** A number assigned to an atom in a molecular compound or ion that indicates the general distribution of electrons
- 5. A naming system
- 9. Poor conductor of heat and electricity

- **10.** Smallest unit of an element that maintains the properties of that element
- **12.** A small whole number that appears in front of a formula in a chemical equation
- **13.** Equation in which the reactants and products in a chemical reaction are represented by words
- **14.** Element that has the same characteristics of metals and some characteristics of nonmetals
- **16.** An ion formed from a single atom
- **17.** The general term for any isoptope element
- **19.** An atom or group of bonded atoms that have positive or negative charges
- 20. Pure substance made of only one kind of atom
- 22. Vertical columns on the periodic table
- 27. A positive ion