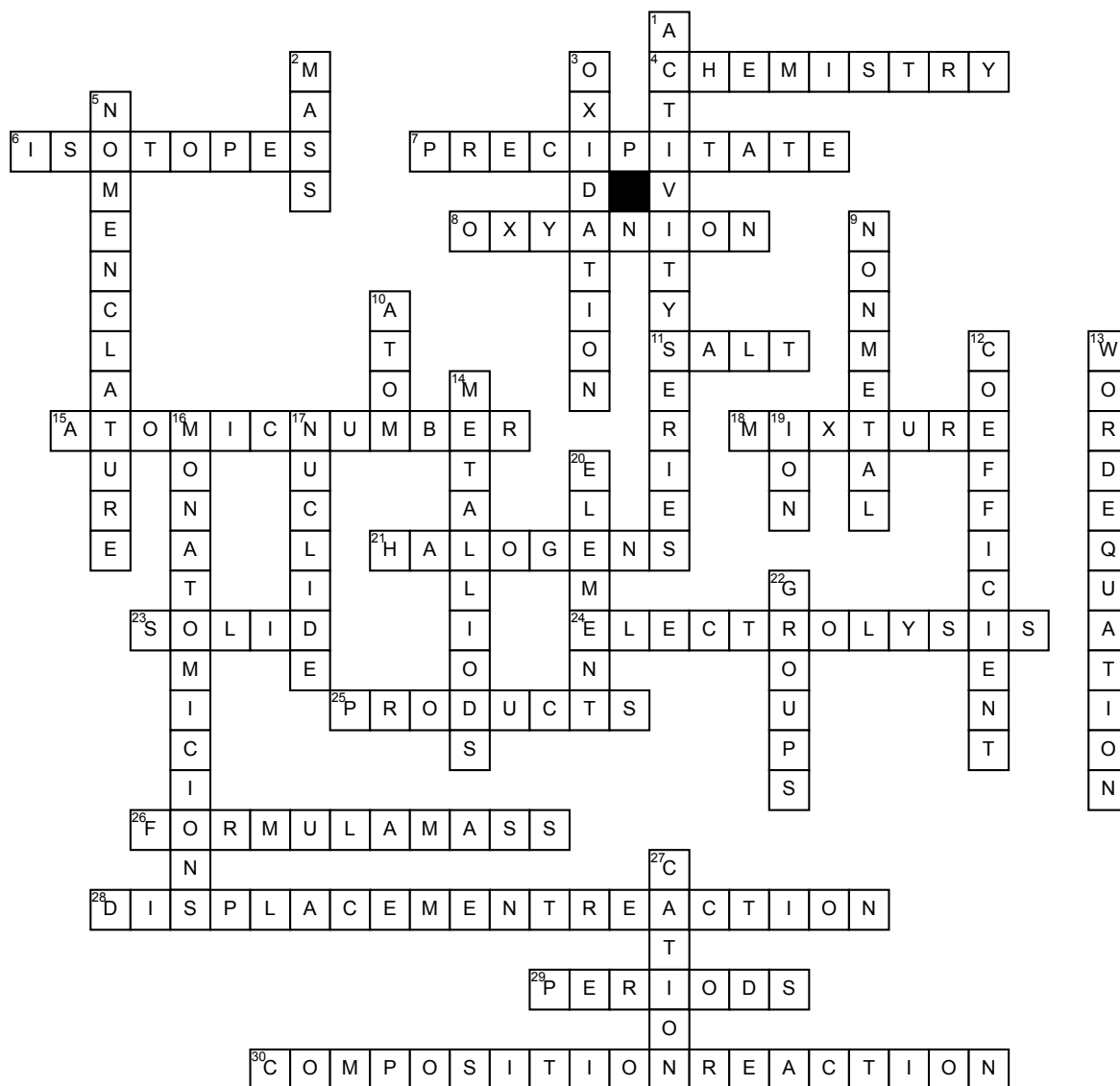


# Chemistry Review by Elise C.



## 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 shape
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 form a new compound

## Down

1. A list of elements organized according to reactivity
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 isotope 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