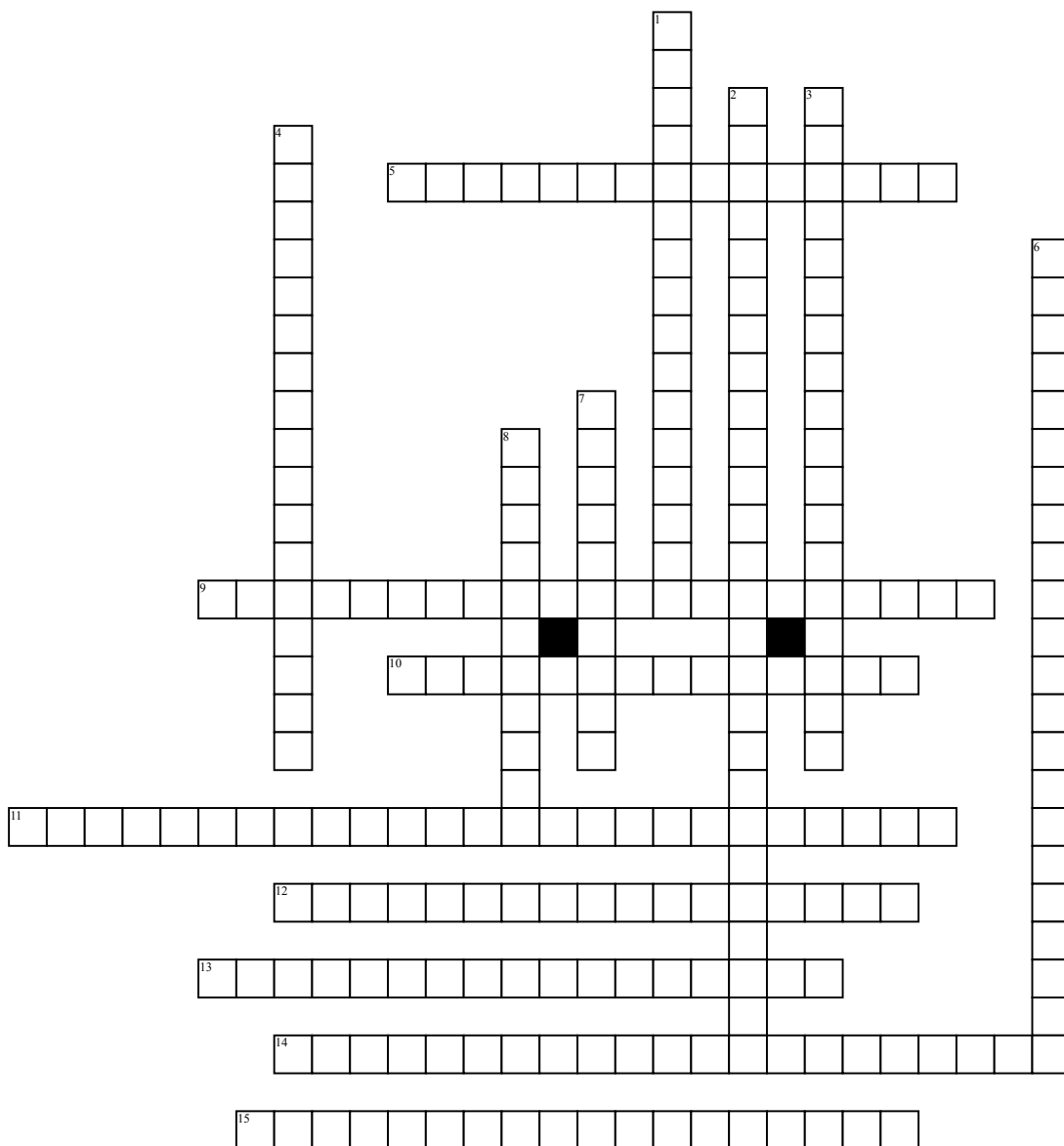


Name: _____

Date: _____

Vocab 5



Across

5. A number assigned to an element in chemical combination that represents the number of electrons lost or gained by an atom of that element in the compound:
9. Type of chemical reaction in which a single compound breaks down into two or more elements or new compounds:
10. A table of metals, listed in the order of their ability to replace other metals while in solution:
11. In what chemical reaction does two compounds react, and the cation and the anion of the two reactants switch places, forming two new compounds?
12. A half-reaction in which a chemical species decreases its oxidation number, usually by gaining electrons:

13. In what reaction does one atom or compound steal electrons from another atom or compound?
14. Any reversible reaction in which a product is continuously removed by precipitation is called _____.
15. _____ is the tendency of a substance to undergo chemical changes in a system.
Down
1. Chemical equation for a reaction which lists only those species participating in the reaction:
2. In what chemical reaction does an element reacts with a compound and takes the place of another element in that compound?
3. Exothermic reaction in which something reacts with oxygen:

4. Type of chemical reaction in which two or more simple substances combine to form a more complex product:
6. A chemical reaction in which an acid and a base interact with the formation of a salt is _____.
7. Property of a solid, liquid, or gaseous chemical substance called solute to dissolve in a solid, liquid, or gaseous solvent:
8. A _____ causes a substance to be deposited in solid from a solution.