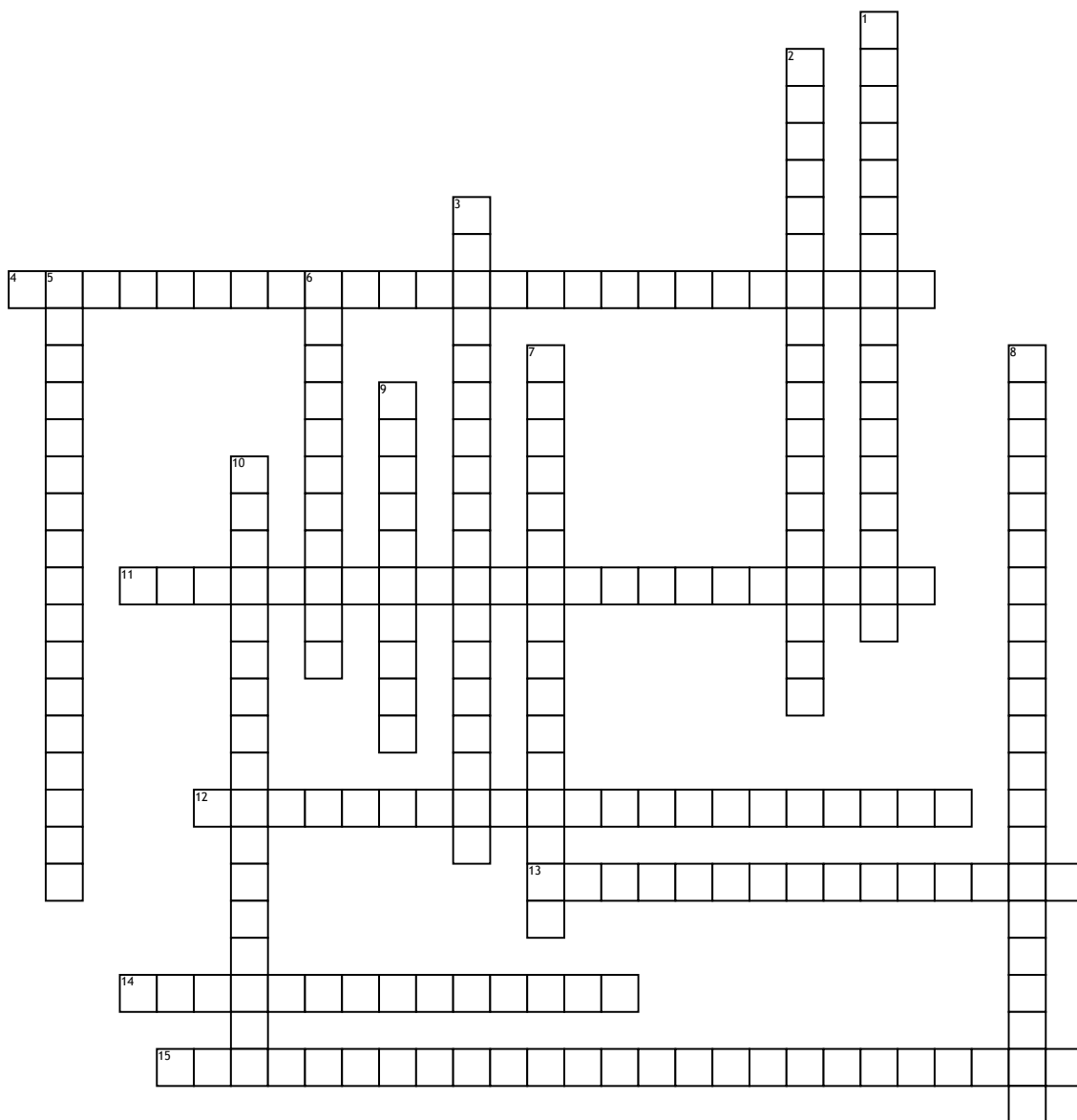


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Chemical Reactions Vocab



## Across

4. a chemical reaction where two compounds react & the negative ions and the positive ions switch forming a new compound/product

11. a chemical reaction when an acid and a base react quantitatively with each other

12. the creation of a solid from a solution

13. a number assigned to an element in chemical combination that represents the number of electrons lost or gained by an atom

14. a list of metals ranked in order of decreasing reactivity to displace hydrogen gas from water and acid solutions

15. a chemical reaction where an element reacts with a compound & takes the place of another element in that compound

## Down

1. half of the reaction is chemical species decreases oxidation numbers (gaining electrons) and the other half involves oxidation (lost electrons)

2. an exothermic reaction which usually involves some reaction with oxygen

3. the tendency of a substance to undergo chemical reaction either alone or with other materials in order to release energy

5. the substance that gives away electrons is oxidized - iron reacts with oxygen forming a chemical called rust because it has been oxidized

6. cause a substance to be deposited in solid form from a solution

7. a chemical equation for a reaction which lists only those participating in the reaction

8. a chemical reaction when a single compound breaks down into two or more elements or new compounds

9. the maximum quantity of a substance that may be dissolved in another

10. a type of chemical reaction in which two or more simple substances combine to form a complex product