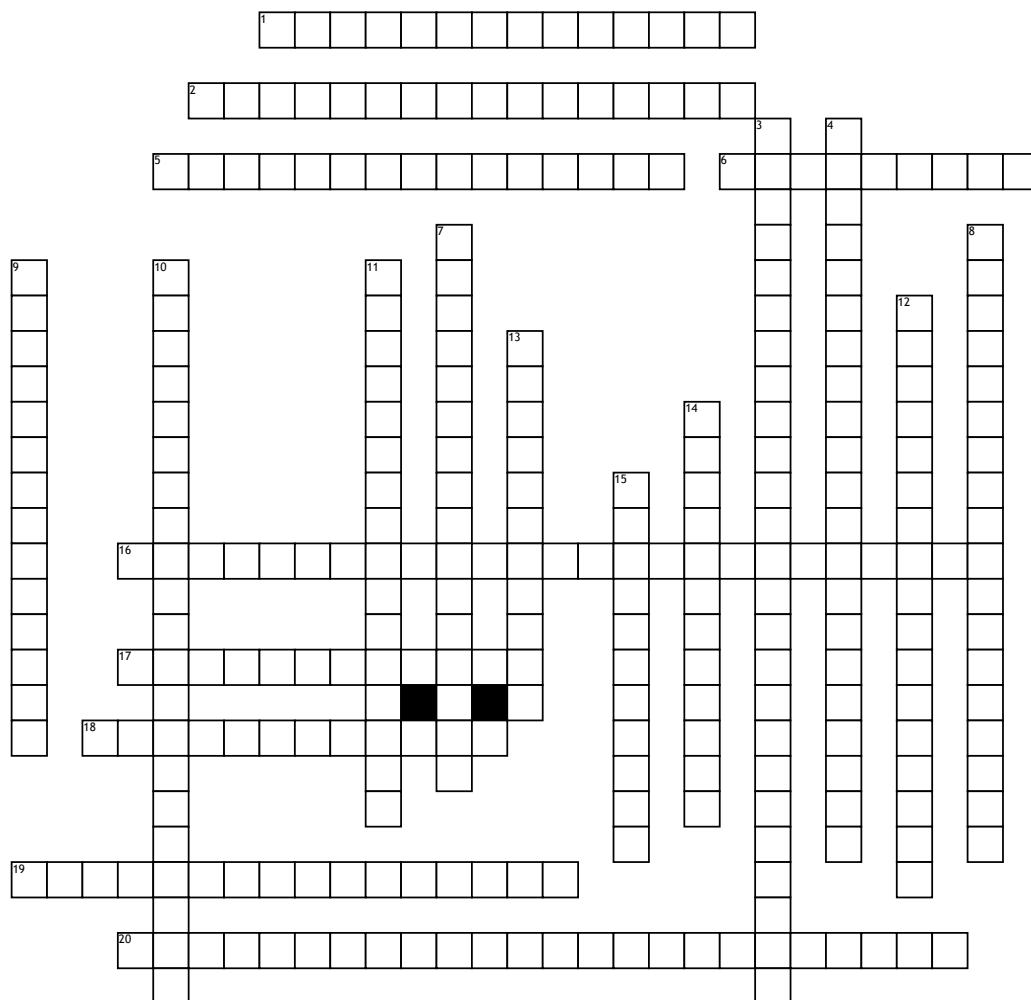


Chemistry 8+9



Across

1. a list of elements organized according to the ease with which the elements undergo certain chemical reactions.
 2. max amount of product from given reactants.
 5. represents the reactants and products of a chemical reaction by their symbols or formulas.
 6. a conversion factor that relates the amounts in moles of any two substances involved in a chemical reaction.
 16. one element replaces a similar element in a compound.
 17. an equation in which the reactants and products in a chemical reaction are represented by words.
 18. the ratio of the actual yield to the theoretical yield, multiplied by 100.

19. the reactant that limits the amounts of the other reactants that can combine and the amount of product that can form in a chemical reaction.
 20. mass relationships of elements in compounds.

Down

3. the ions of two compounds exchange places in an aqueous solution to form two new compounds.
 4. mass relationships between reactants and products in a chemical reaction.
 7. amount of product obtained by reaction from reactants.
 8. a substance combines with oxygen, releasing a large amount of energy in the form of light and heat.
 9. the substance that is not used up completely in a reaction.

10. a single compound undergoes a reaction that produces two or more simpler substances.

11. represents, with symbols and formulas, the identities and relative amounts of the reactants and products in a chemical reaction.

12. two or more substances combine to form a new compound.

13. is a small whole number that appears in front of a formula in a chemical equation.

14. that decomposition of a substance by an electric current.

15. A solid that is produced as a result of a chemical reaction in solution and that separates from the solution is known as a precipitate.

Word Bank

Excess reactant	Combustion reaction	Double replacement reaction	Activity series
Single replacement reaction	Synthesis reaction	Actual yield yield	Coefficient
Mole ratio	Word equation	Chemical Equation	Reaction stoichiometry
Percent yield	Limiting reactant	Theoretical yield	Electrolysis
Decomposition reaction	Formula equation	Precipitate	Composition stoichiometry