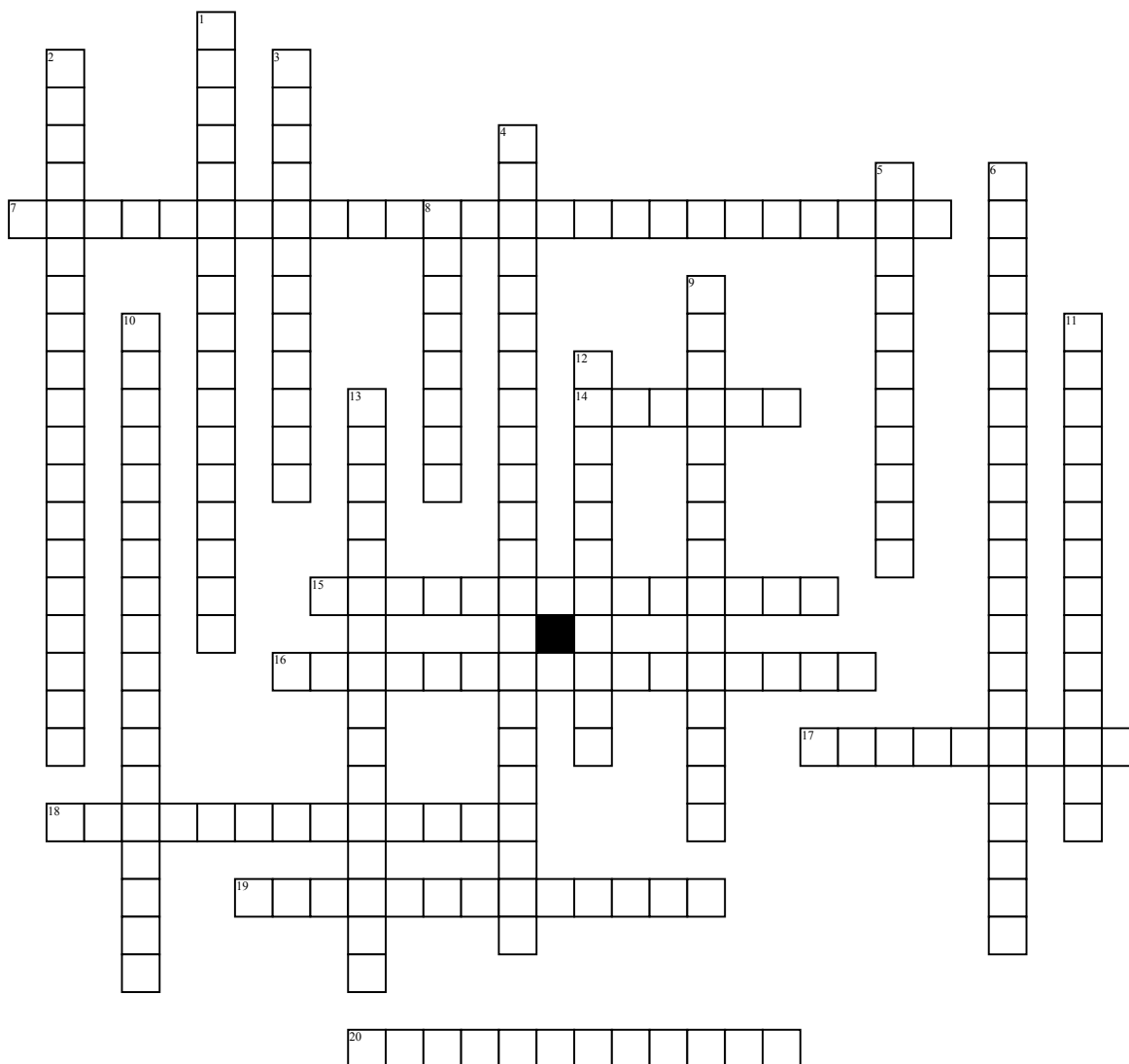


Name: _____

Chemistry Crossword 1



Across

7. A chemical change in which one element replaces a second element in a compound.

14. A positive ion.

15. A reactive metal will replace any metal listed.

16. Each side of the equation has the same number of atoms of each element and mass is conserved.

17. A conversion factor derived from the coefficients of a balanced chemical equation interpreted in terms of moles.

18. The reaction that is not completely used up in a reaction.

19. The calculations of quantities in chemical reactions.

20. An ion that appears on both sides of an equation and is not directly involved in the reaction.

Down

1. A chemical change involving an exchange of positive ions between two compounds.

2. A chemical change in which two or more substances react to form a single new substance.

3. The ratio of the actual yield to the theoretical yield expressed as a percent.

4. An equation that shows dissolved ionic compounds as dissociated free ions.

5. Small whole numbers that are placed in front of the formulas in an equation in order to balance it.

6. A chemical change in which a single compound breaks down into two or more simpler products.

8. A substance that speeds up the reactant but is not used up in the reaction.

9. The Reaction that determines that amount of product that can be formed by a reaction.

10. A chemical change in which an element or a compound reacts with oxygen, often producing energy in form of heat and light.

11. A reactive metal will replace any metal listed.

12. The amount of product that actually forms when the reaction is carried out in the laboratory.

13. A representation of a chemical reaction; the formulas of the reactants (on the left) are connected by an arrow with the formulas of the products (in the right).