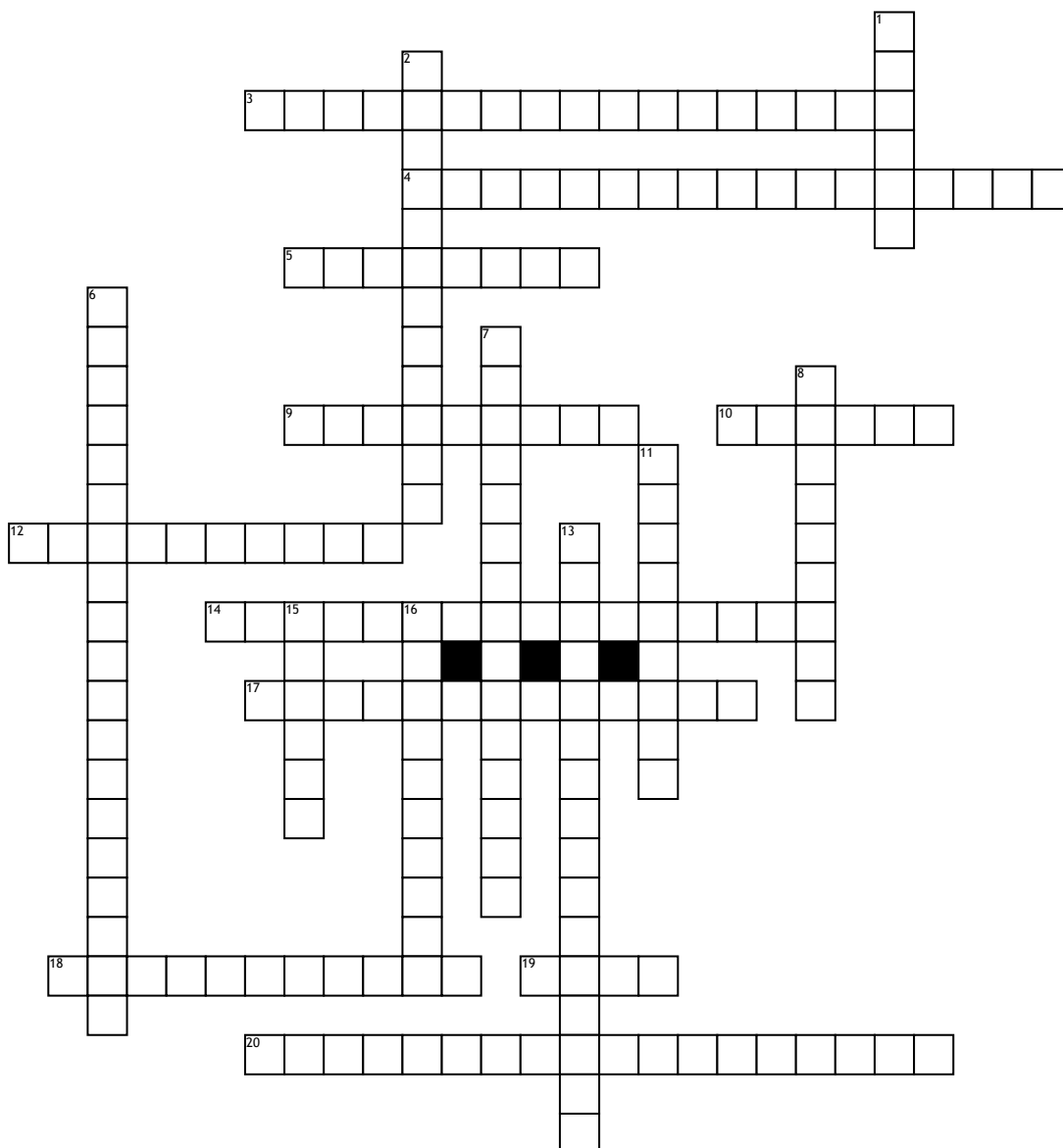


Name: _____

Date: _____

Science 7-2



Across

3. when one compound combines with another
 4. when a more active element takes the place of another element and sets the less active one free
 5. substances you end with
 9. when 2 or more elements or compounds combine to make a complex compound
 10. in a chemical equation, the arrow means
 12. matter can enter from or escape to the surroundings

14. evidence for this reaction
 17. When a compound breaks into its component parts
 18. Indicates how many molecules or atoms of each reactant and product are involved in a reaction
 19. conservation of mass
 20. when energy is released
Down

1. Cannot be created or destroyed
 2. matter is not allowed to enter or leave
 6. energy is absorbed

7. A combination of symbols that represents the elements present in the formula
 8. substances you start with
 11. Indicates the ratio of elements in a compound
 13. uses formulas and symbols
 15. reactions require
 16. occurs when a substance reacts with oxygen to produce energy