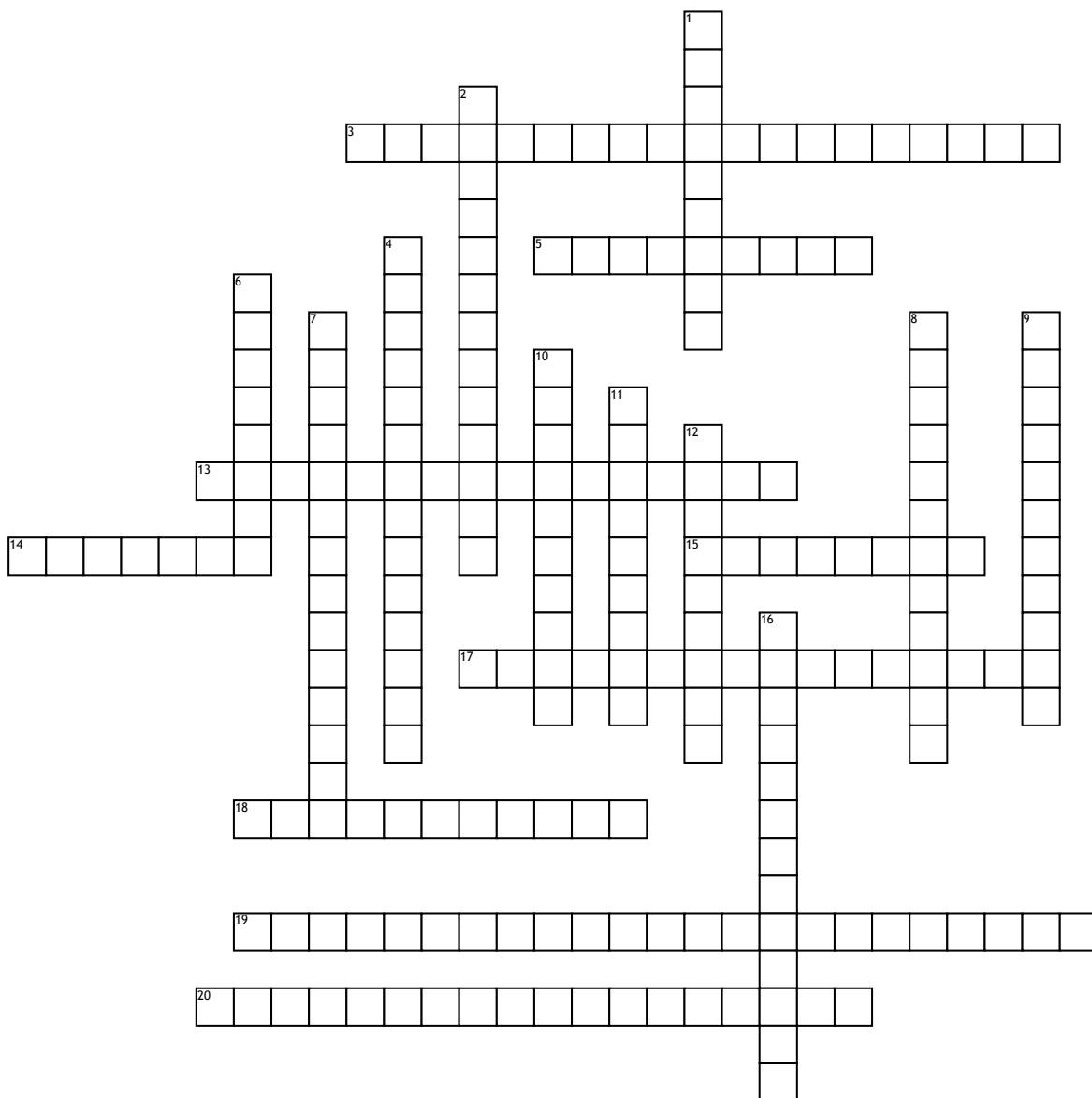


Name: \_\_\_\_\_

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

# Chapter 5 Quiz



## Across

3. a reaction where more energy is required to break the bond  
5. substances that undergo a chemical change  
13. minimum amount of energy required to start a chemical reaction  
14. provide a surface on which reactions can take place  
15. this increases the reaction rate of something  
17. a way to show a chemical reaction with symbols

18. a number placed in front of a chemical formula in an equation  
19. matter cannot be created nor destroyed  
20. a reaction where the energy that is released is greater than the energy required to break the bond

## Down

1. a material used to decrease the rate of a chemical reaction  
2. the amount of a substance in a given volume  
4. alters form or appearance  
6. new substances that formed

7. a change in matter that produces a new substance  
8. matter does not enter or leave  
9. when elements get replaced with another  
10. matter can enter or escape to the surroundings  
11. when two or more elements or compounds combine to make a more complex substance  
12. a solid that forms from liquids during a chemical reaction  
16. when compounds break down into simpler products