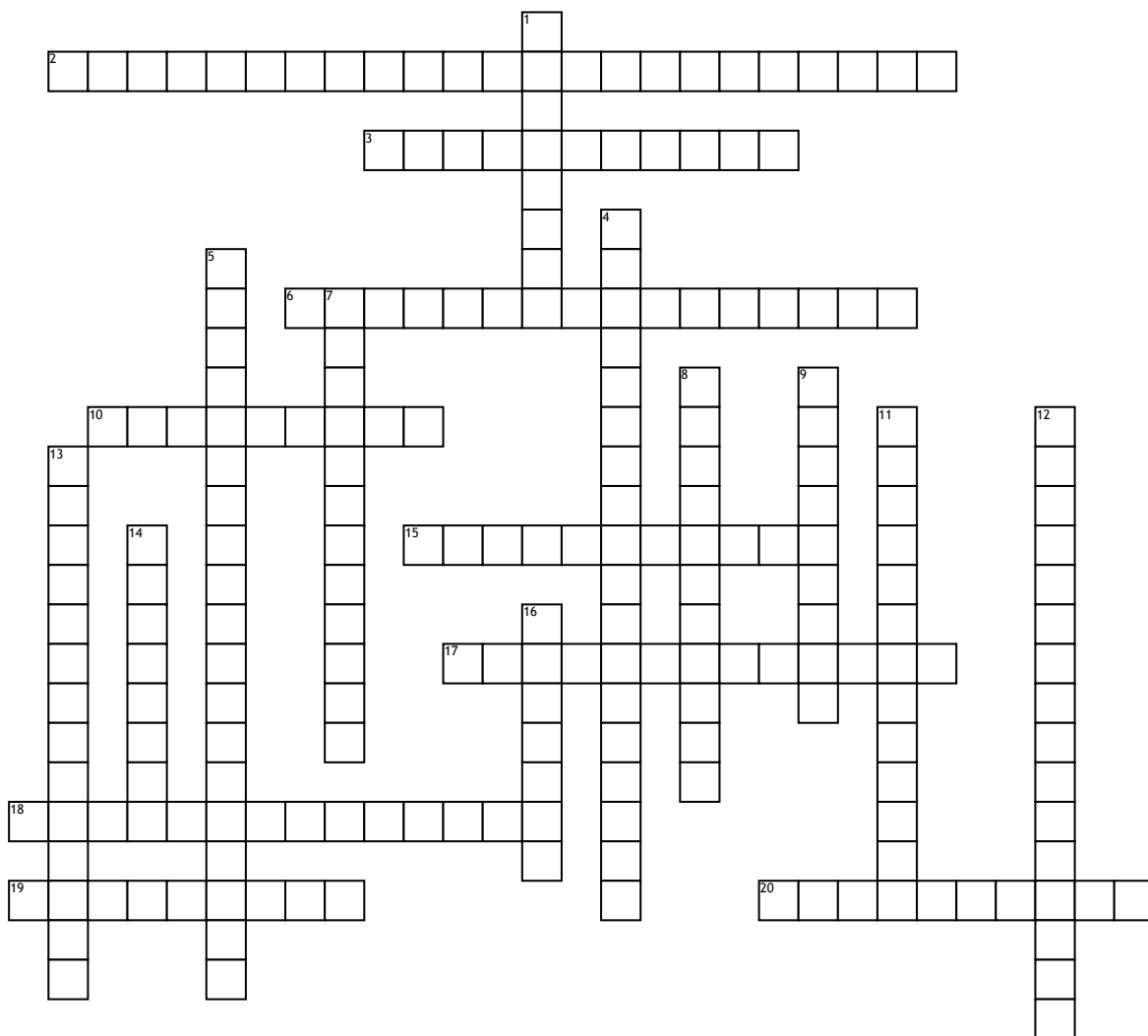


Name: _____

Date: _____

Science Chapter 4



Across

2. Law that states during a chemical reaction, matter is not created or destroyed
3. When one element replaces another in a compound
6. Minimum amount of energy needed to start a chemical reaction
10. When two or more elements combine to make more complex substances
15. Number placed in front of a chemical formula
17. Amount of substance in a given volume

18. A change that alters the form or appearance of a substance but does not change it to any other substance

19. Material used to decrease rate of a chemical reaction
20. Matter can enter or escape surroundings

Down

1. Increases reaction rate by lowering the activation energy needed
4. The change that releases energy
5. A change that absorbs energy
7. Matter can not enter or leave

8. A solid that forms from liquids during a chemical reaction

9. Substance that undergo the chemical changes
11. Occurs when compounds break down into simpler products
12. A way to show chemical reactions using symbols
13. A change in matter that produces one or more new substances
14. The new substances that form
16. Cells in your body contain thousands of biological catalysts called