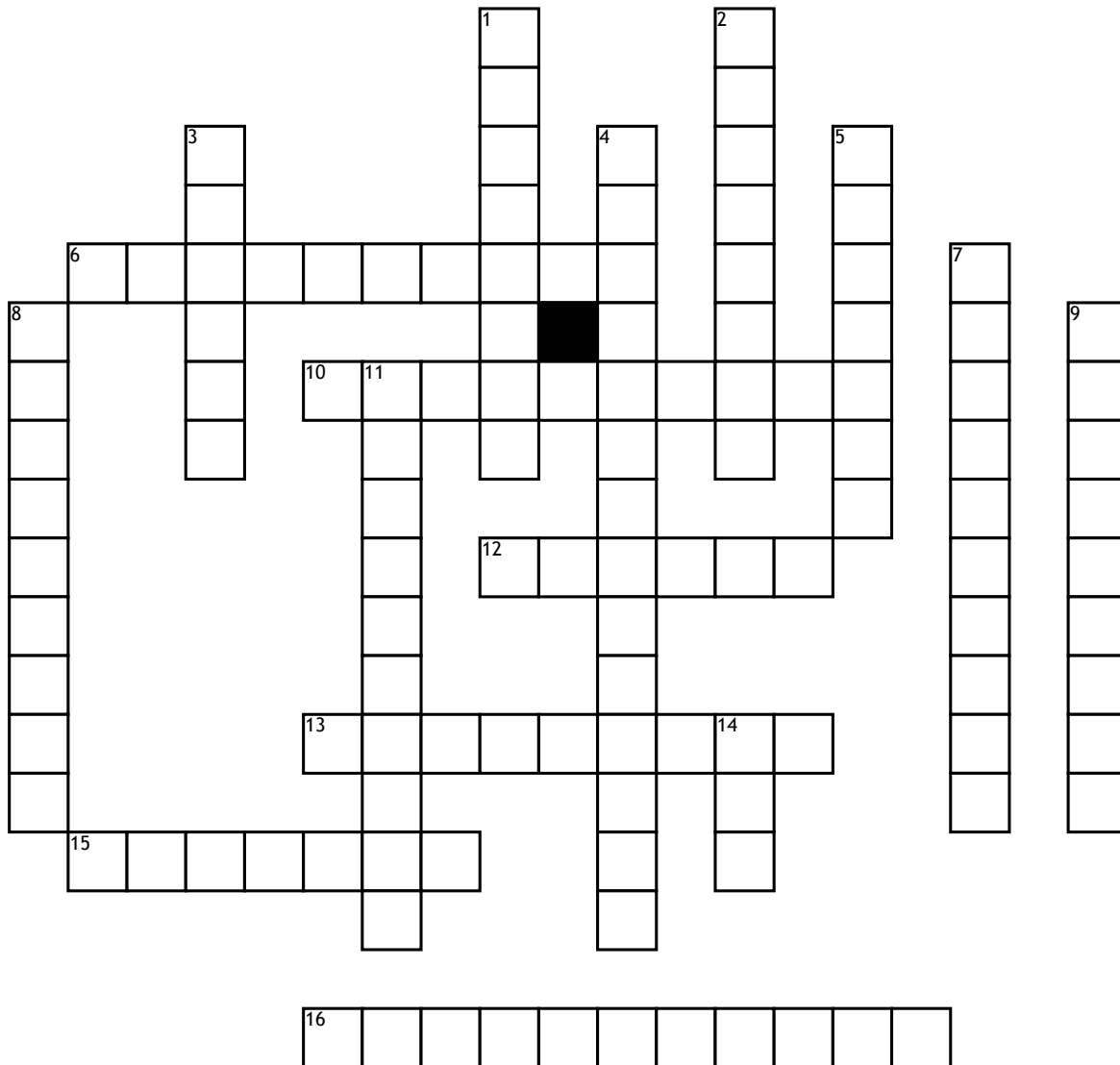


Name: \_\_\_\_\_

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

# Metabolism Crossword



## Across

6. This term is used to describe when all enzymes are doing their job

10. What is the totality of an organisms chemical reactions called?

12. The capacity to cause change

13. Stored energy due to its location

15. Energy that is in motion

16. A type of enzyme inhibitor that blocks active sites

## Down

1. A kind of potential energy stored in chemical bonds

2. A type of pathway that consumes energy to build complicated molecules from simpler ones

3. Anything that takes up space, has mass and is made of atoms

4. A type of enzyme inhibitor that binds to another part of the enzyme, causing the active site to change shape

5. These speed up chemical reactions by lowering the activation energy

7. This kind of energy needed to start a reaction

8. A type of reaction that proceeds with a net release of energy and is spontaneous

9. A kind of pathway that releases energy by breaking down complex molecules into simpler molecules

11. A reaction that absorbs free energy from its surroundings, stores it in molecules and is nonspontaneous

14. An abbreviation for the matter that possesses chemical bond energy