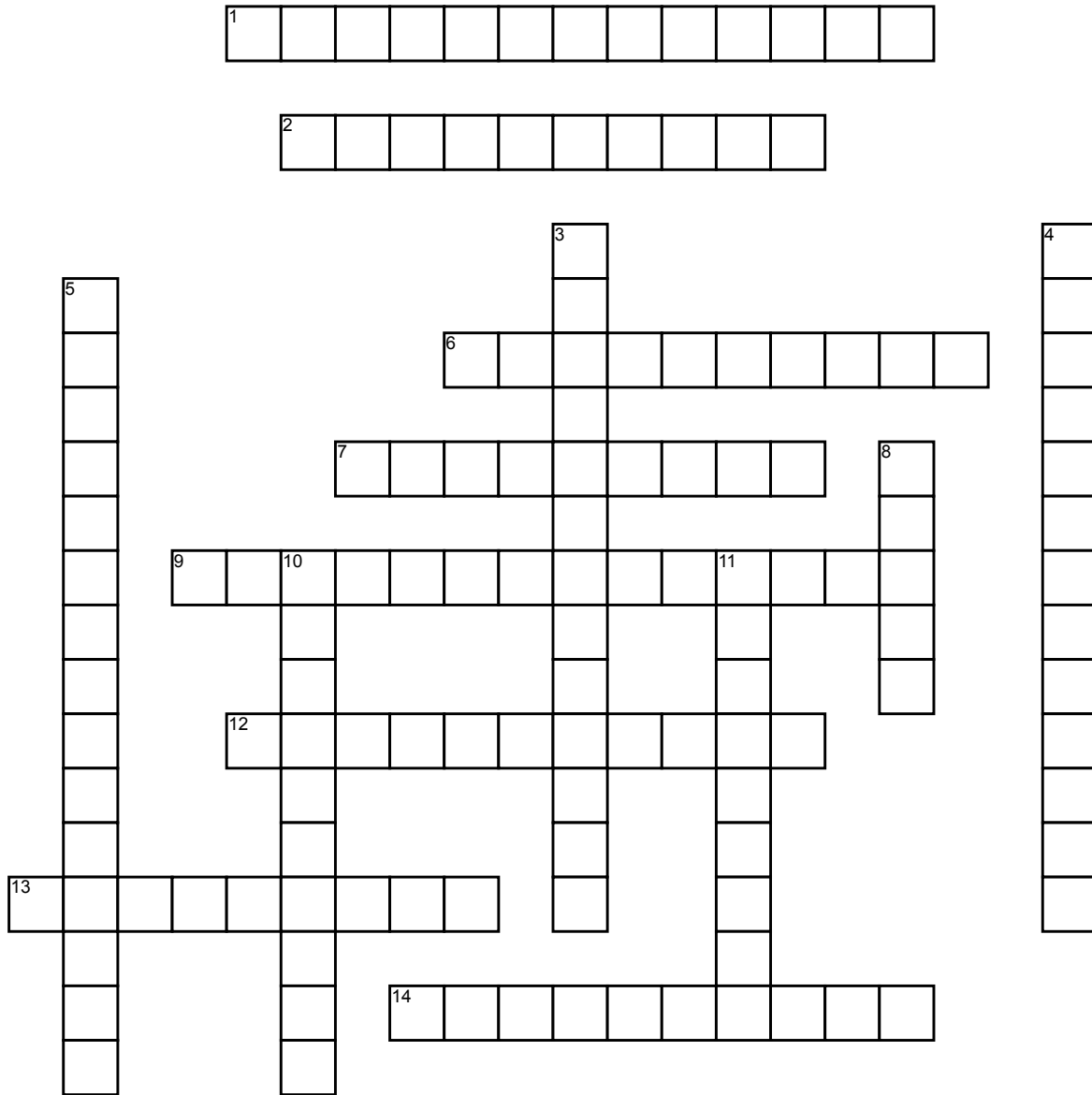


Name: \_\_\_\_\_

# Rates of Reaction



## **Across**

1. When the reactants and products are in different phases
2. The minimum amount of energy needed colliding particles to react
6. Surface \_\_\_\_\_ Theory
7. Intermediate \_\_\_\_\_ Theory
9. What renders a catalyst inactive?

12. A reaction that absorbs energy from its surroundings
13. An \_\_\_\_\_ collision is one that results in the formation of products
14. A reaction that releases energy to its surroundings

## **Down**

3. The rate of a reaction at a precise, given time
4. When a product formed in the reaction catalyses the reaction

5. The diagram showing the change in energy in a reaction
8. \_\_\_\_\_ compounds react fastest
10. Catalysts are usually made from what type of metals?
11. A catalyst that slows down a reaction