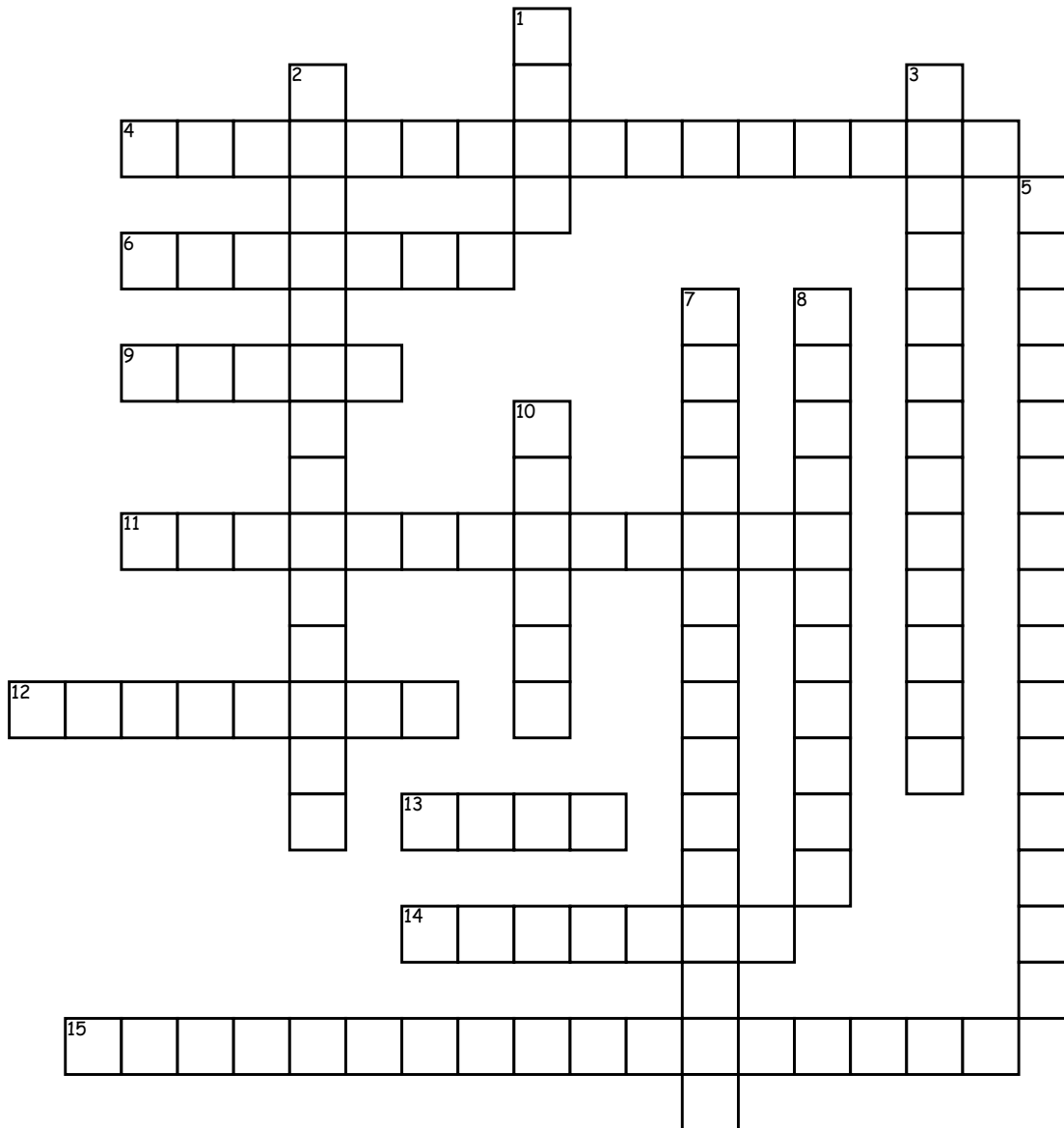


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Motion Crossword Puzzle



## Across

4. What law is called the law of inertia

6. Units for force?

9. A push or Pull on a object

11. Friction between objects moving through a fluid

12. For every action, there is a equal and opposite \_\_\_\_\_

13. All objects fall with the same acceleration even if they have different \_\_\_\_\_

14. A force of attraction that exists between objects with mass

15.  $F=M \cdot A$

## Down

1. If a object had more force but same acceleration, then the \_\_\_\_\_ must have increased

2. When two objects are at rest but still experience friction

3. When objects have the same size, opposite direction, with no movement

5. Occurs between two objects that are sliding

7. Friction between two rolling objects

8. What's the measurement tool for Newton's second law

10. The force of gravity on a object