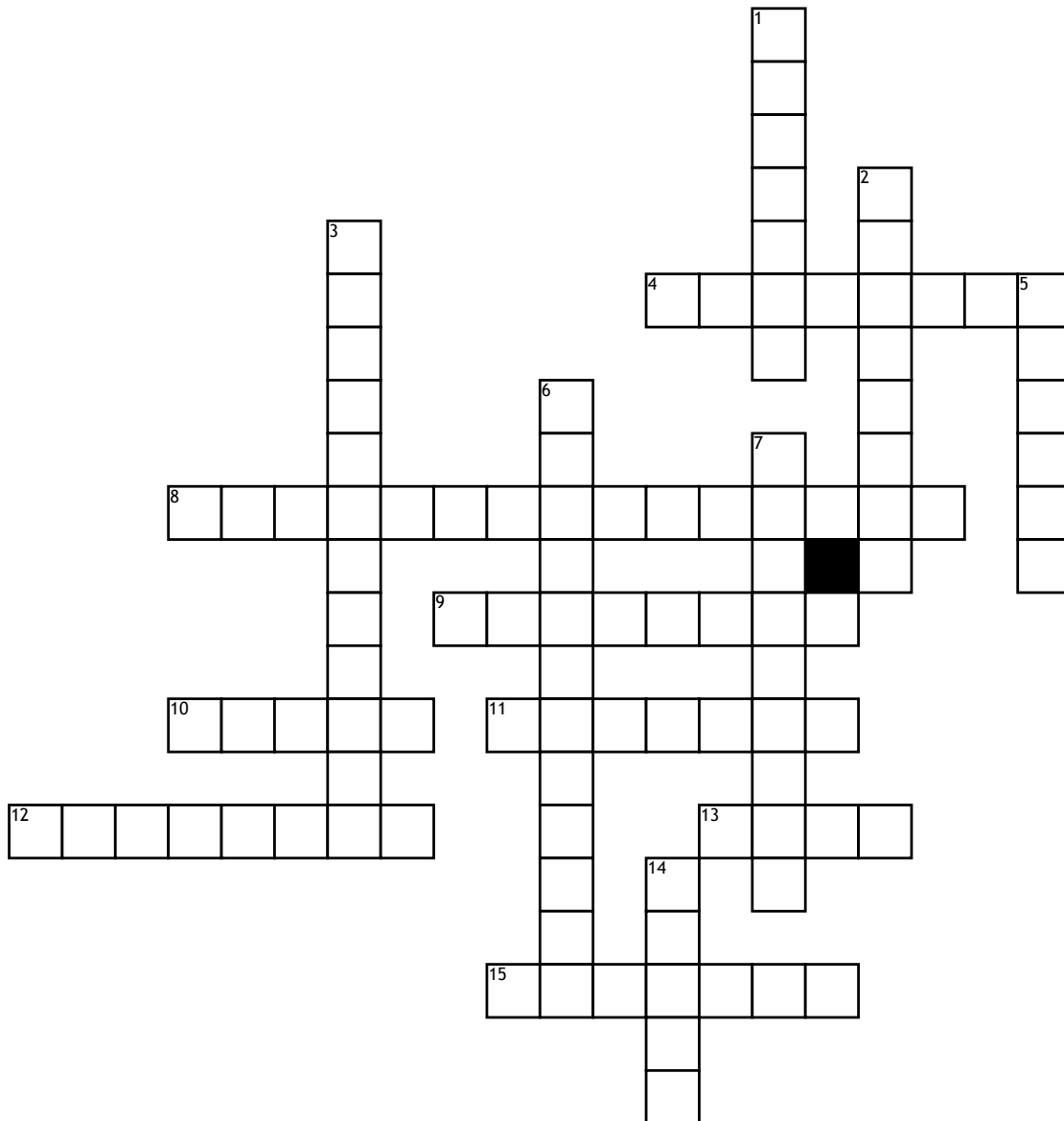


Name: \_\_\_\_\_

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

# Physics



## Across

4. motion resistance from objects rubbing against each other  
8. Forces acting on a object which do not balance each other out  
9. Forces that are equal to each other  
10. How fast an object moves

11. Attraction force between objects, bodies, and masses in the universe  
12. rate and direction of motion measurement  
13. Measure of inertia  
15. The resistance of any physical object to any change in its velocity

## Down

1. energy in an object in motion

2. the vector sum of forces acting on a particle or object  
3. the change in an object's position  
5. English mathematician, physicist, and astronomer  
6. The rate with that velocity changes with time  
7. energy stored in an object  
14. The push or pull measurement of an object