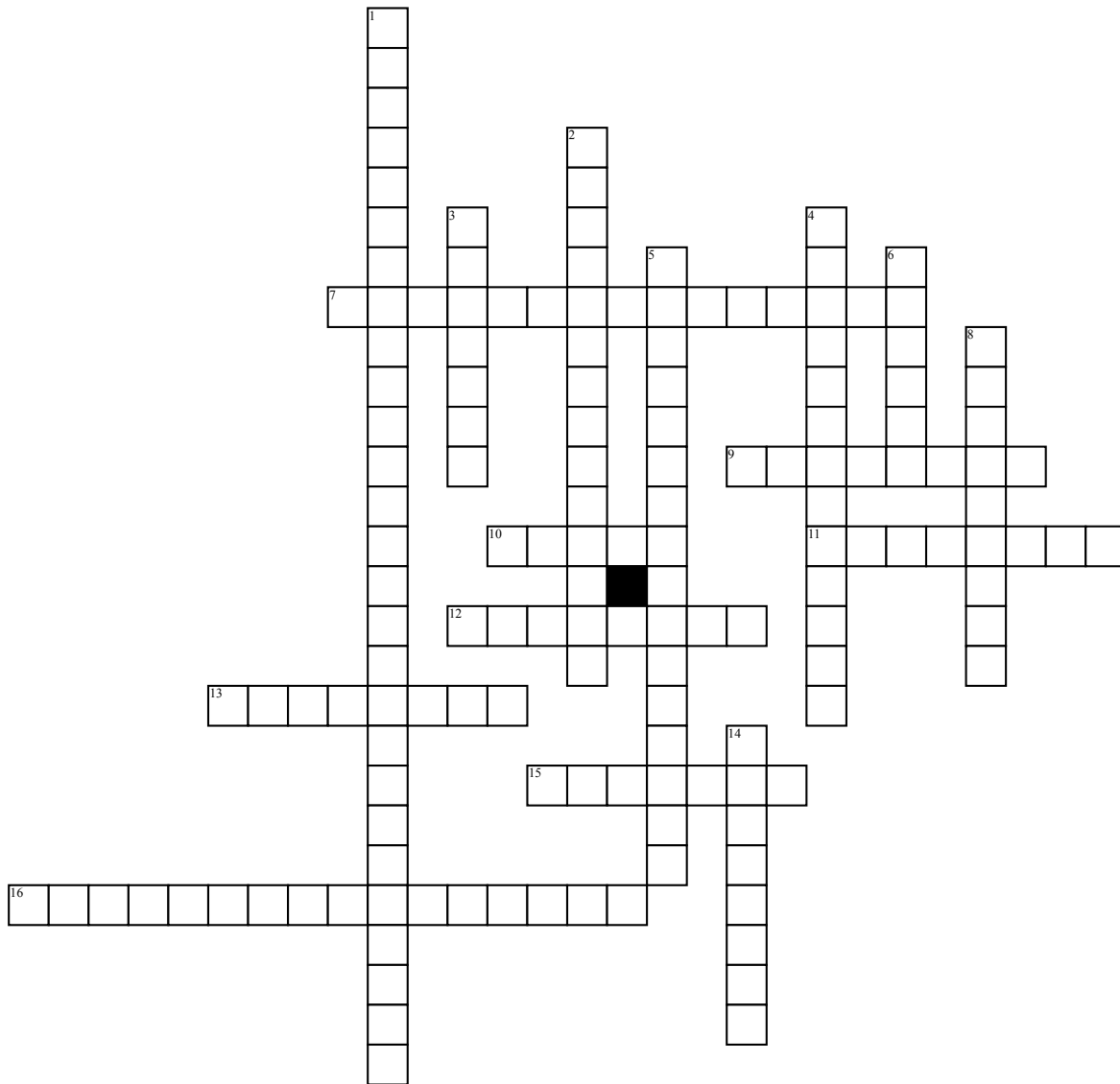


Name: \_\_\_\_\_

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

# Newton's laws vocabulary



## Across

7. Force that causes a change in motion

9. Opposing forces acted on an object

10. Push or pull

11. every object exerts a force on each other

12. object with only gravitational force acting on it

13. Sum of all the forces acted on an object

15. Object resisting change

16. maximum speed

## Down

1. if no external act on a group of objects, the total momentum does not change

2. Forces that do not change motion

3. Attractive force

4. force that opposes motion in the air

5. force toward the center of a circular path

6. Gravitational force

8. acceleration equals net force divided by mass

14. object in motion stays in motion