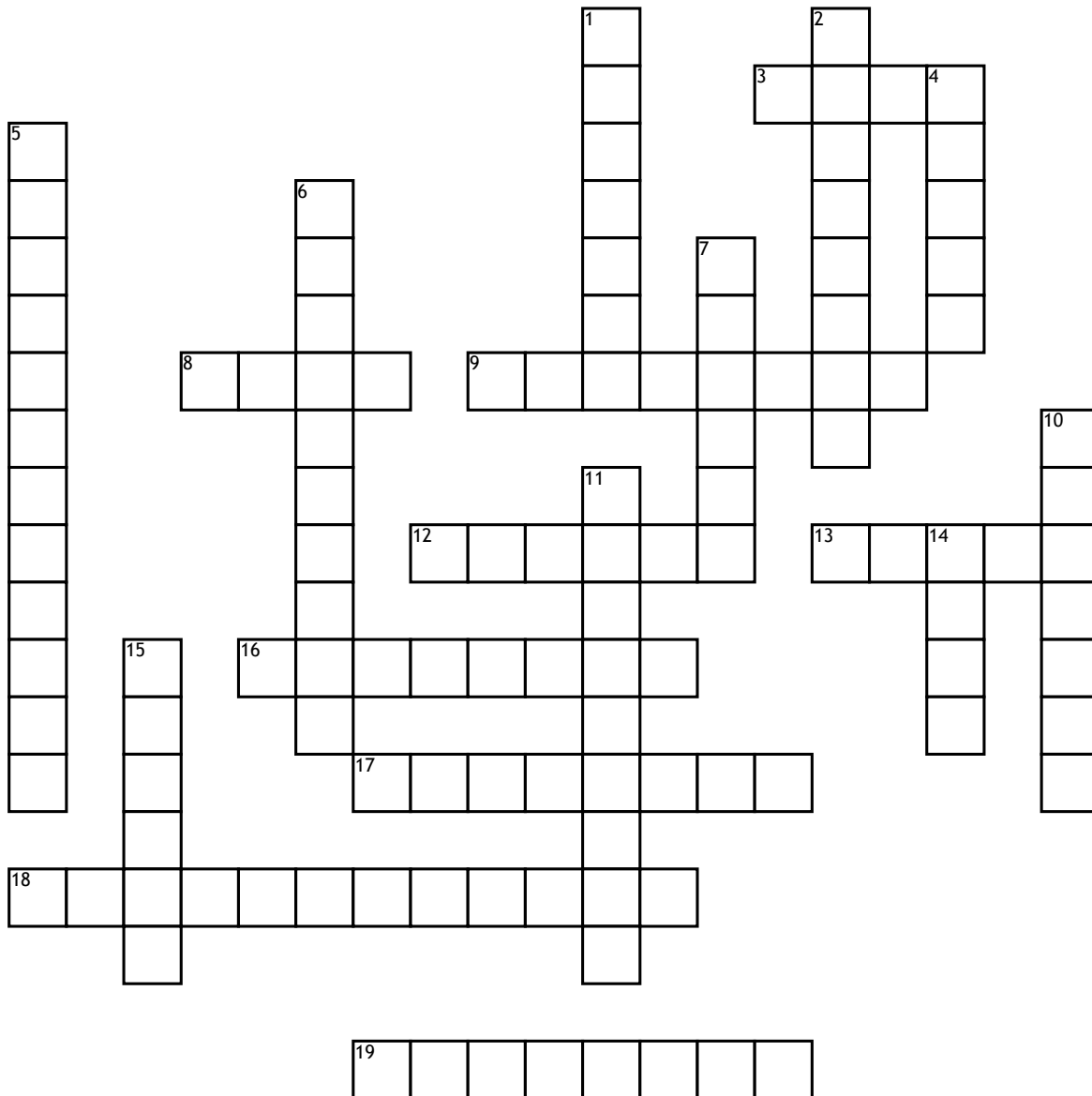


Name: \_\_\_\_\_

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

# Newton's 3 Laws



## Across

3. A force acting on a ball.

8. A force acting on a ball.

9. belonging to or forming the outer surface.

12. a material that can be seen and touched.

13. the relationship between an object's mass and the amount of force needed.

16. something done, felt, or thought in response to a situation or event.

17. For every action there is an equal and/or opposite reaction.

18. corresponding in size or amount to something else.

19. situated on the other or further side.

## Down

1. The fact or process of doing something.

2. An object will remain in a constant state of motion, unless acted on by an external/unbalanced force.

4. being the same in quantity, size, degree, or value.

5. increase speed.

6. not even forces.

7. a force acting on a ball.

10. A force acting on a ball.  
11.  $F=Ma$  The force object has, is directly proportional to its mass and acceleration.

14. a large area of matter with no definite shape.

15. the action of moving.