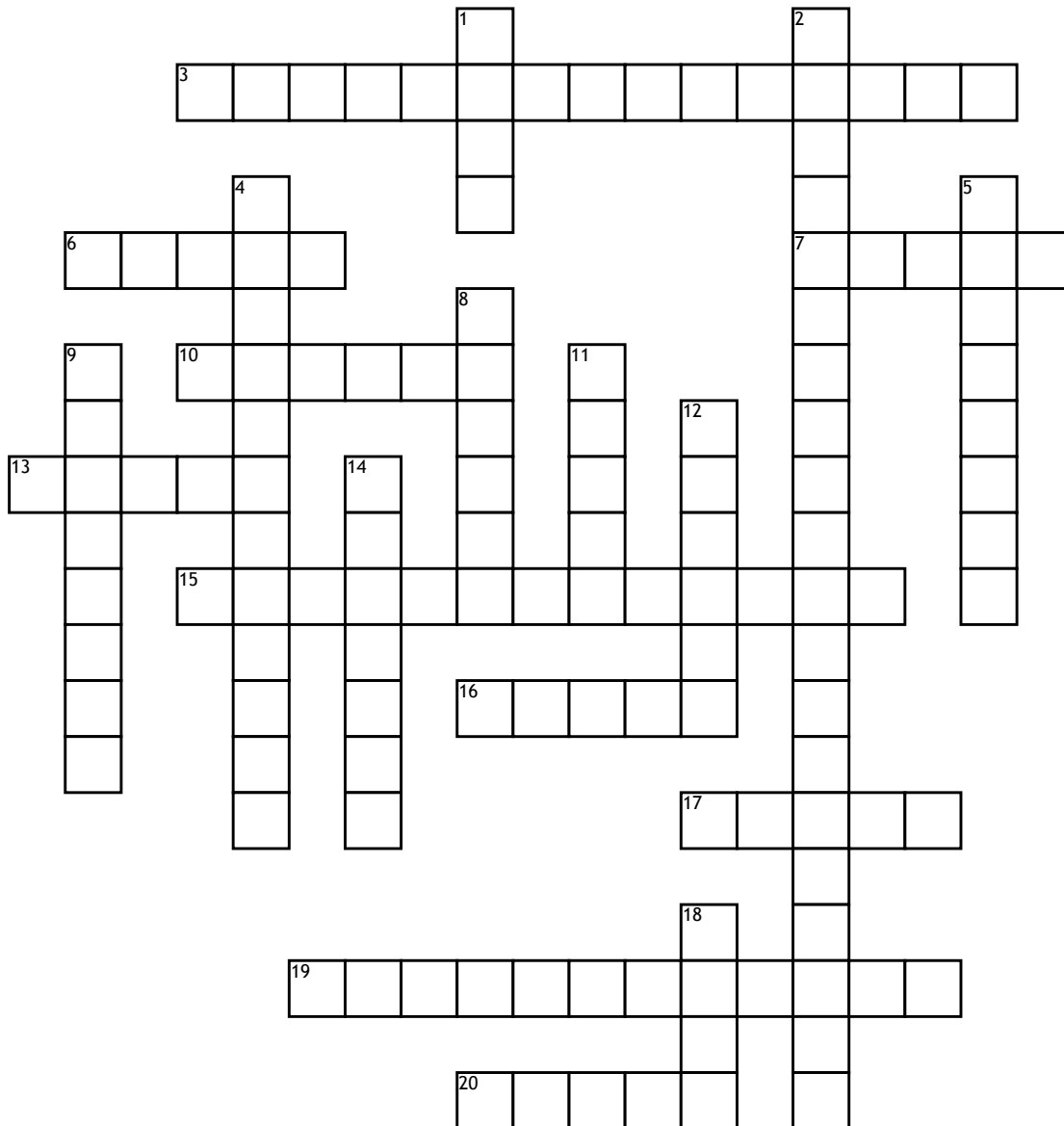


Name: \_\_\_\_\_ Date: \_\_\_\_\_

# Forces, Newton's Laws, and Friction Crossword



## Across

3. An \_\_\_\_\_ is one in which the net force is greater than zero

6. When you multiply Mass and acceleration you get

7. What law is the action reaction law

10. \_\_\_\_\_ is the vertical force exerted by a mass as a result of gravity; or the strength of the gravitational pull on the object.

13. Occurs when two solid surfaces \_\_\_\_\_ across the other

15. A \_\_\_\_\_ is one in which the net force equals ZERO

16. \_\_\_\_\_ friction occurs when an object pushes a fluid.

17. Newton's \_\_\_\_\_ Law is the law of Inertia

19. When speed is decreasing its called \_\_\_\_\_

20. When an object \_\_\_\_\_ across a surface

## Down

1. The more \_\_\_\_\_ there is in an object the gravitational pull is stronger

2. When speed is increasing it is called \_\_\_\_\_

4. A change in velocity divided by time

5. The force that two surfaces exert on each other when they rub against each other is \_\_\_\_\_

8. Occurs between objects that aren't in motion without \_\_\_\_\_ friction

9. \_\_\_\_\_ is speed with a direction

11. \_\_\_\_\_ describes how fast an object moves.

12. What law is the Law of Force and Acceleration

14. What force keeps us down on earth

18. \_\_\_\_\_ is the amount of matter in an object. The mass of an object is not dependent on gravity