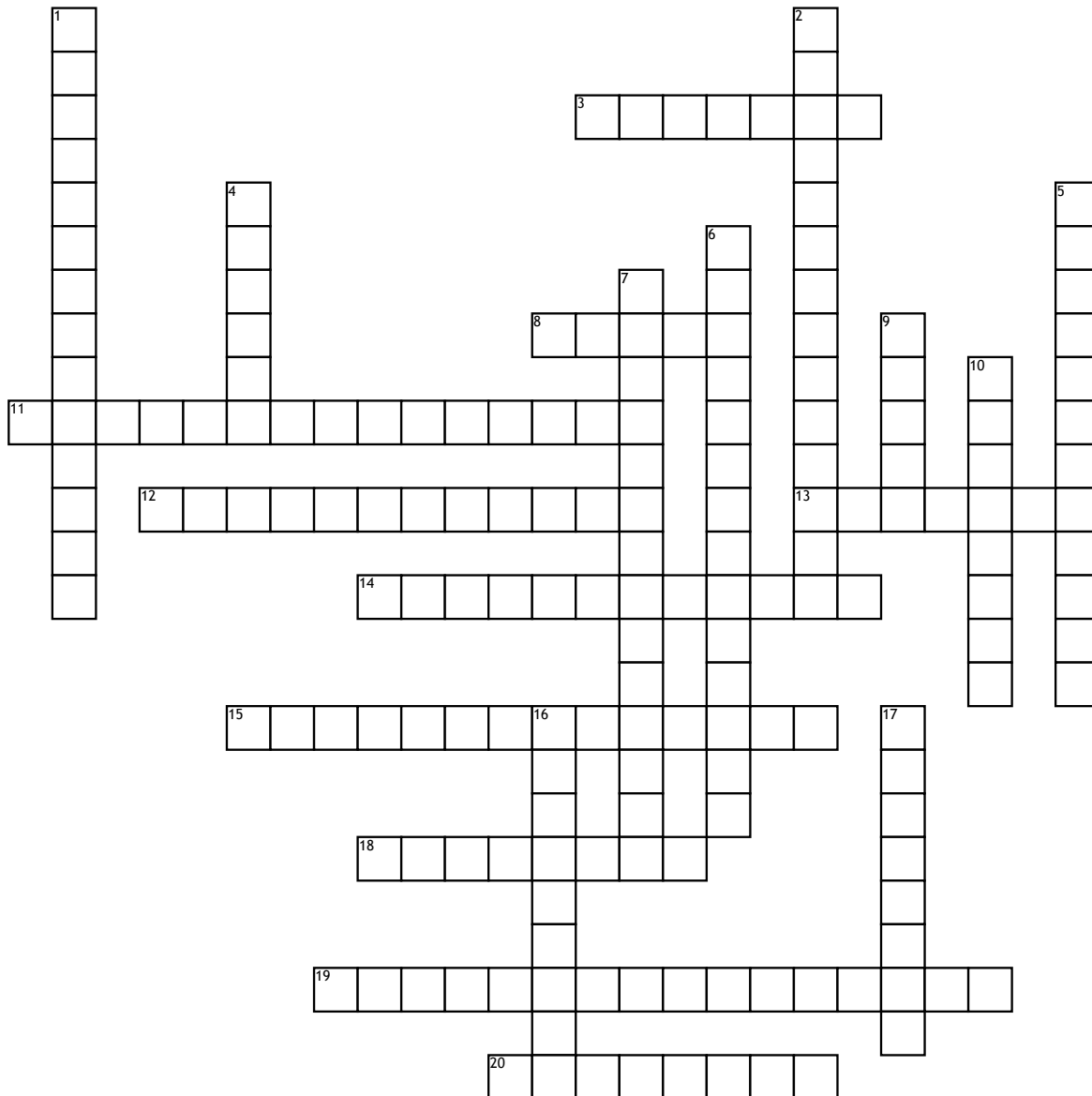


Name: \_\_\_\_\_

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

# Chapter 2 Vocab



## Across

3. A noncontact attractive force that exists between all objects that have mass.

8. the distance an object moves divided by the time it took to move

11. A force that pushes or pulls an object without touching it

12. A push or pull applied by one object to another object that is touching it.

13. The tendency of an object to resist a change in motion.

14. The distance between your initial or starting position and your final position.

15. When one object exerts a force on a second object, the second object exerts a force of the same size but in the opposite direction on the first object.

18. the speed and direction of an objects motion

19. When the net force acting on an object is not 0

20. a contact force that resists the sliding motion between 2 objects that are touching.

## Down

1. When the net force on an object is 0 the forces acting on it are...

2. If the net force acting on an object is 0 the motion of the object doesn't change.

4. The process of changing position

5. the measure of the change in velocity during a period of time

6. The acceleration of an object is equal to the net force applied to the object divided by the object's mass

7. The starting point you use to describe the motion or the position of an object.

9. A push or pull on an object

10. The total length of your path.

16. When 2 objects exert forces on each other, the 2 forces are a...

17. The sum of the forces acting on an object