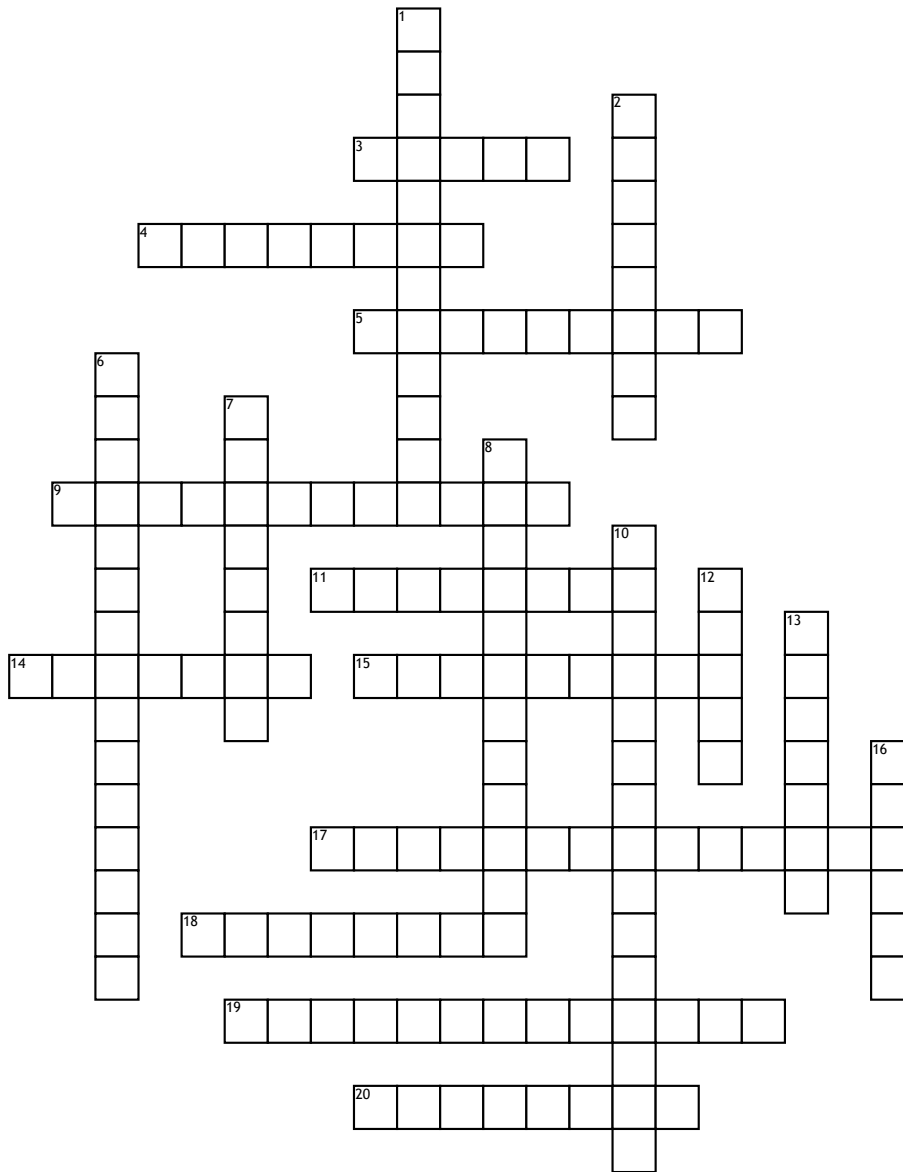


Chapter 2 vocab



Across

3. the distance an object moves divided by the time it takes to move that distance
 4. law that states that from every action there is an equal and opposite reaction
 5. law that states that the acceleration of an object is equal to the net force exerted on the object divided by the object's mass
 9. a measure of the change in velocity during a period of time
 11. a contact force that resists the sliding motion of 2 surfaces that are touching

14. an attractive force that exists between all objects that have mass
 15. the forces 2 objects apply to each other
 17. the starting point you use to describe the motion or the position of an object
 18. the sum of forces acting on an object
 19. forces acting on an object that combine and form a net force of zero
 20. the total length of your path

Down

1. the difference between your starting position and your ending position

2. law that states that if the net force acting on an object is zero, the motion of the object does not change
 6. pushing or pulling an object without touching
 7. the speed and direction of a moving object
 8. pushing or pulling an object while touching
 10. forces acting on an object that combine and form a net force that is not zero
 12. a push or pull on an object
 13. the tendency of an object to resist a change in motion
 16. the process of changing position