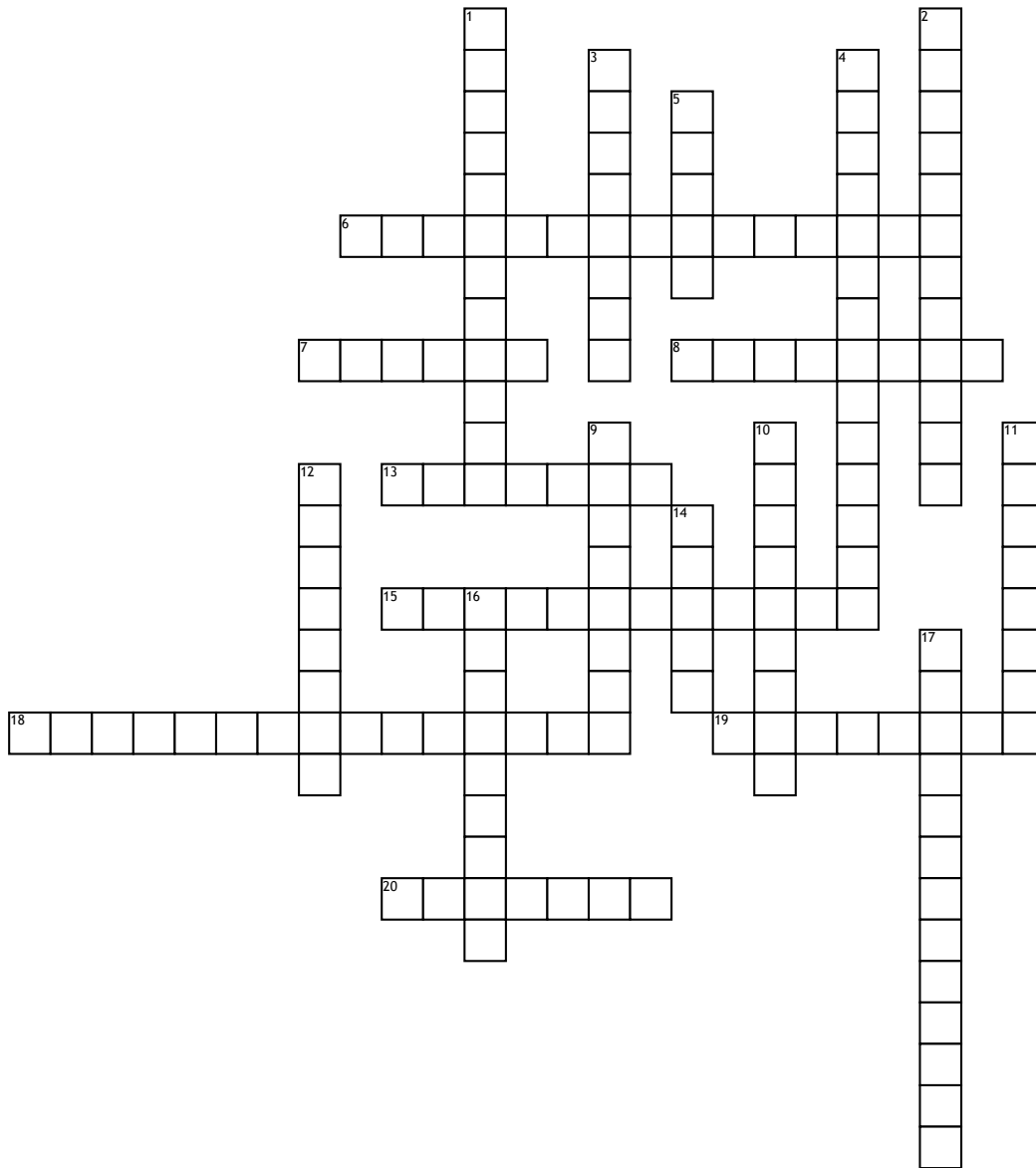


Name: _____

Date: _____

Jaks puzzle



Across

6. a force that does not have to be touching the object to move it
 7. when an object moves
 8. speed and direction of an objects motion
 13. the tendency of an object to resist change in its motion
 15. distance from start to end point
 18. when forces have unequal newtons on both sides of the object
 19. an object in motion stays in motion unless a force acts upon it

20. noncontact force that existing between all objects with mass

Down

1. a force that must be touching an object to move it
 2. the measure of how quickly an objects velocity changes
 3. a contact force that resists sliding motion when two objects colide
 4. the place from which a wave starts
 5. a push or pull that one object exerts on another

9. total measurement of how much you traveled
 10. when two objects exert forces on each other
 11. when one object puts force on another the other object pushes back with an equal force
 12. sum of all forces acting on an object
 14. how fast an object is
 16. acceleration equals the net force exerted on the object divided by its mass
 17. when both forces have equal newtons on both sides of the object