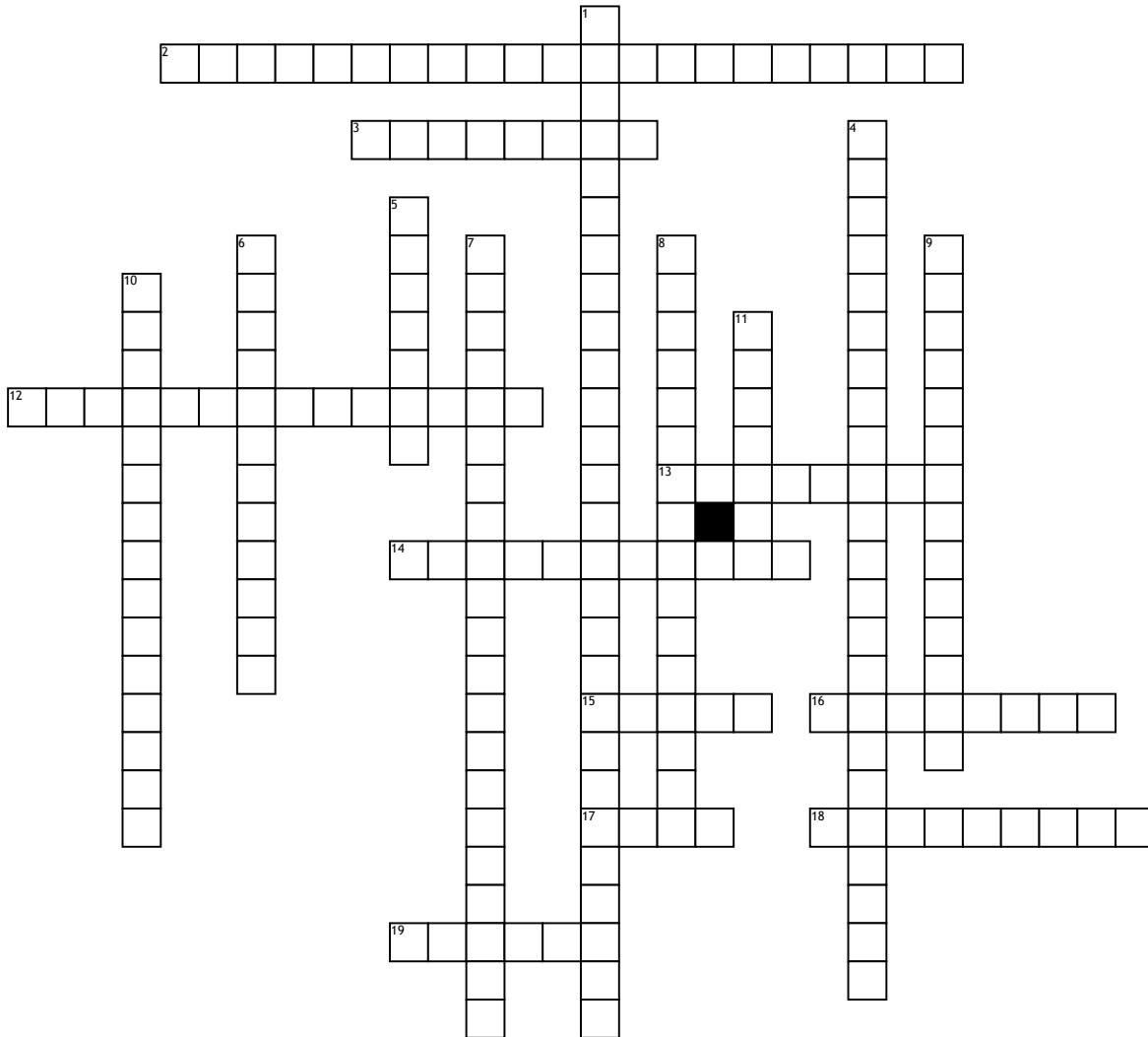


Name: \_\_\_\_\_

# Ch.2 Science Vocabulary



## Across

- 2. When 1 object applies a force on another the 2nd object applies an equal force in the opposite direction
- 3. A force that resists the motion of 2 surfaces that are touching
- 12. An motion in which an object is moving along a curved path.
- 13. Combination of all the forces acting on an object
- 14. In circular motion a force that acts perpendicular to the direction of motion sword the center of the curve
- 15. A push or pull on an object
- 16. A measure of how hard it is to stop a moving object

17. The amount of matter in an object

18. The forces of a force pair do not cancel because they act on different objects

19. Gravitational force exerted on an object

## Down

- 1. momentum is conserved during a collision unless an outside force acts on the colliding objects
- 4. If the net force of an object is 0, the motion of an object doesn't change.
- 5. An attractive force that exists between all objects

6. A push or pull on one object by another that is touching it

7. An object acceleration is the net force on the object divided by its mass

8. forces acting on an object that combine and form a net force that isn't zero

9. Forces acting on an object that combine and from a net force of zero

10. A force that one object can apply to another with out touching it

11. Tendency of an object to resist a change in motion