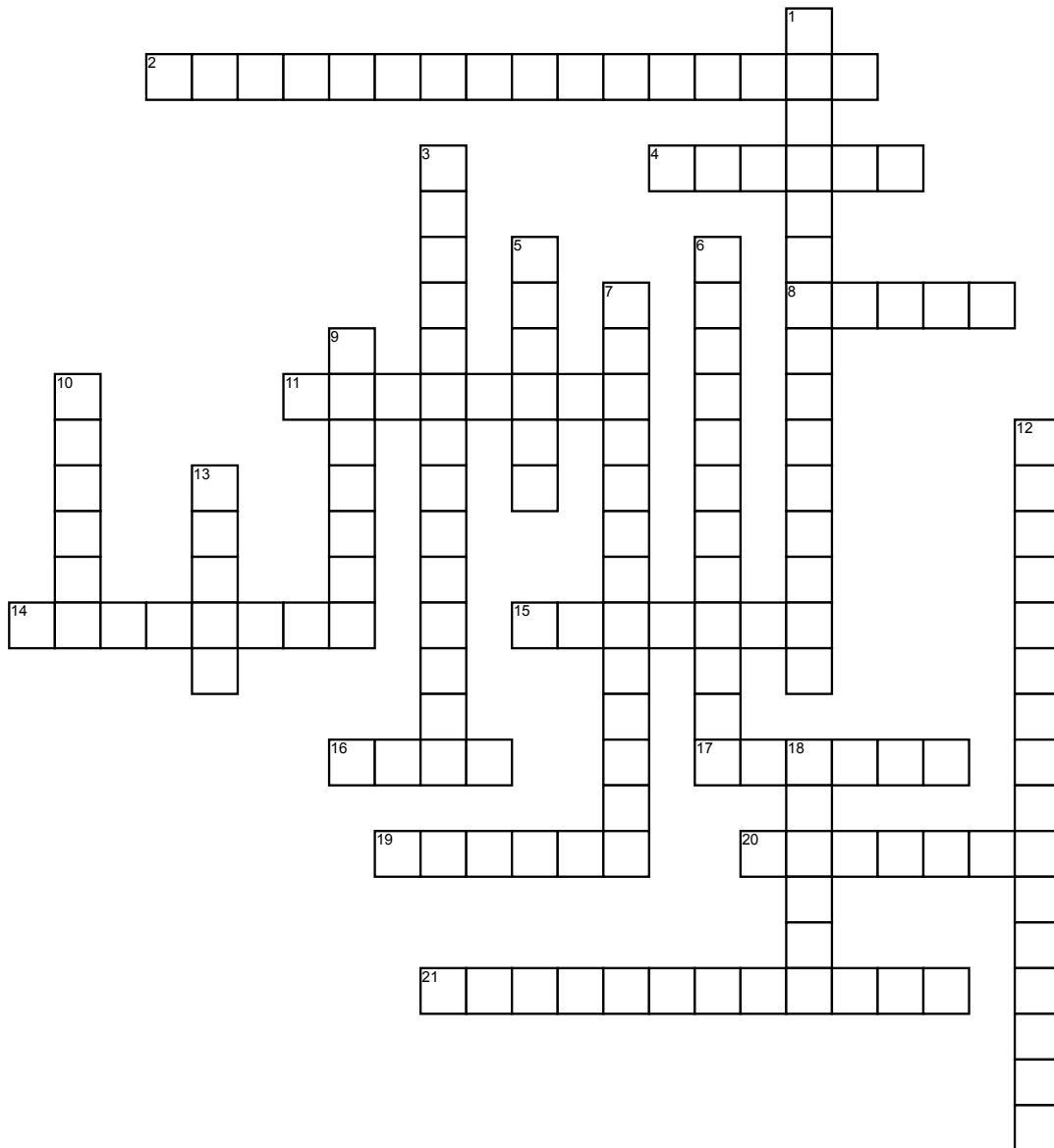


Newton's Three Laws of Motion



Across

2. Force that produces a nonzero net force.
 4. When a object is at rest.
 8. The distances an object travels per unit of time.
 11. The resistance that one surface or object encounters when moving over another.
 14. Speed in a given direction.
 15. An object at rest tends to stay at rest.
 16. The amount of matter inside of an object.
 17. Sir Isaac _____

19. Wheel which a rope passes through, to change the direction of a force applied to the rope.

20. _____ Energy which a object possesses due to its motion.

21. A change of velocity.

Down

1. For every action there is an equal opposite reaction.
 3. Equal Forces acting on an object In opposite directions.

5. The state in which one object's distance from another is changing.

6. Slowing down in velocity.

7. Energy that an object has due to its motion.

9. Force that attracts objects toward the center of earth.

10. A turning or twisting force.

12. Acceleration of an object depends upon its mass & the force acting upon it.

13. _____ can cause an object with mass to change its velocity.

18. Gravity X Mass = _____