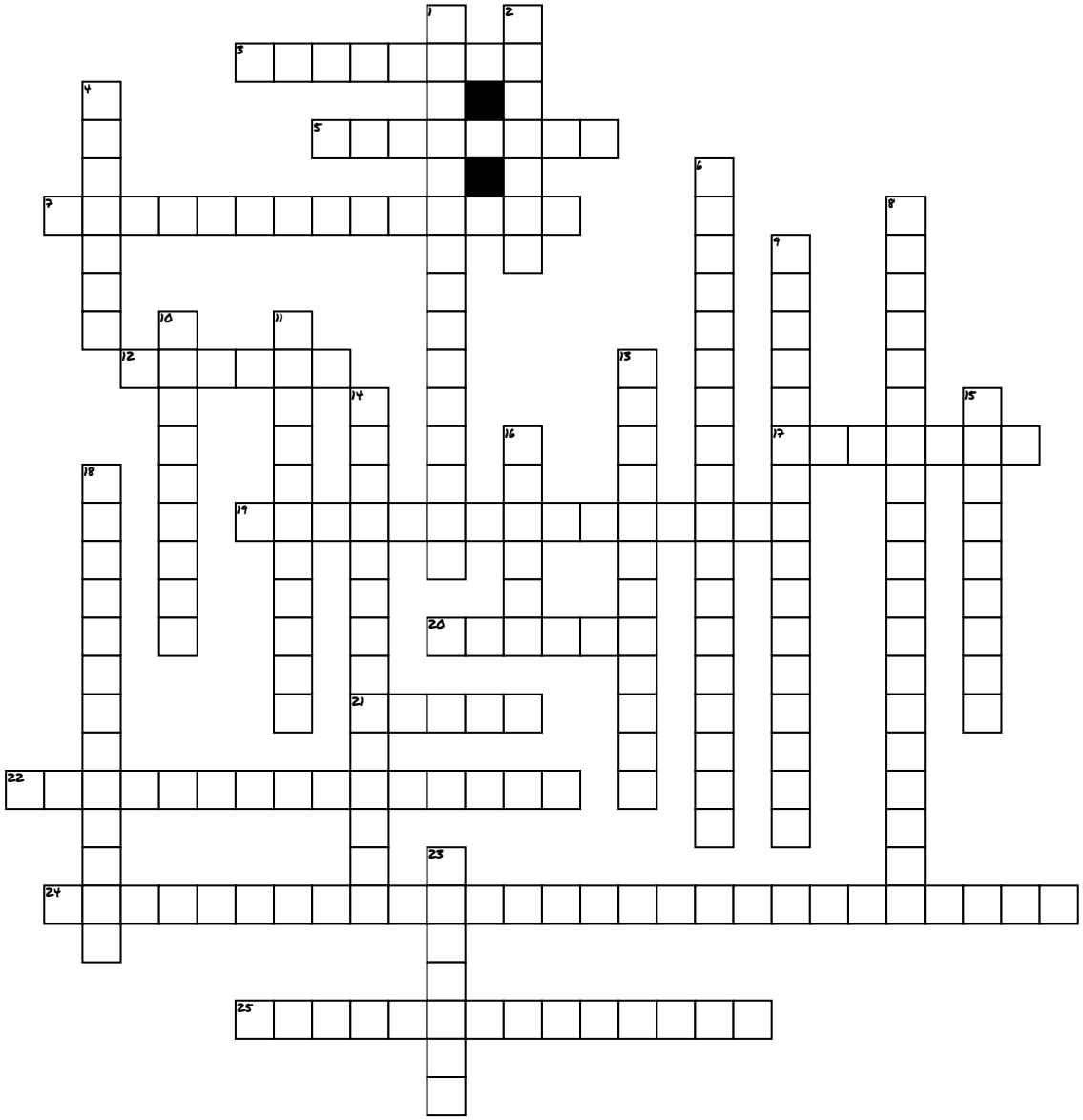
Name: _____ Date: _____

Newton's 3 Laws of Motion Crossword Puzzle!! :):):)



Across

3. The overall force acting on an object when all forces are added together.

5. This term measures mass in a certain velocity.

7. Finding your location based on looking at another object's position is called_____.

12. _____ is always affected by Friction, Gravity, and other contact force.

17. A resistance to an object's change in motion

19. This force is taking place when a basketball player is blocked when taking a shot.

20. Objects that are in centripetal motion move in _____.

21. Any push or pull on an object

22. F= Ma

24. A Law that states that momentum is conserved unless an outside force interferes with it.

25. When you think object around you are moving, but in reality you are moving. This is called_____.

Down

1. Used to show all the forces acting on an object.

2. The scientific unit that we measure force in.

4. The best class

6. P=mv

8. When you push on a wall, and the wall pushes back with an equal force. This is an example of _____.

9. A ball on a string, spinning around in circles, is an example of _____.

10. When an object exchanges momentum and energy with another object

11. Which object has a greater momentum if they are all moving at the same speed? Bowling ball, Baseball, softball, or a pinpong ball.

13. Another name for Newton's 1st law.

14. A type of force that is equal in magnitude but opposite in direction; net force is always zero.

15. Force, Velocity, Acceleration, and Momentum all require a _____.

16. Has both a direction and magnitude.

18. _____ states that for every action, their is an equal and opposite reaction.

23. A Force that keeps objects on earth's surface.