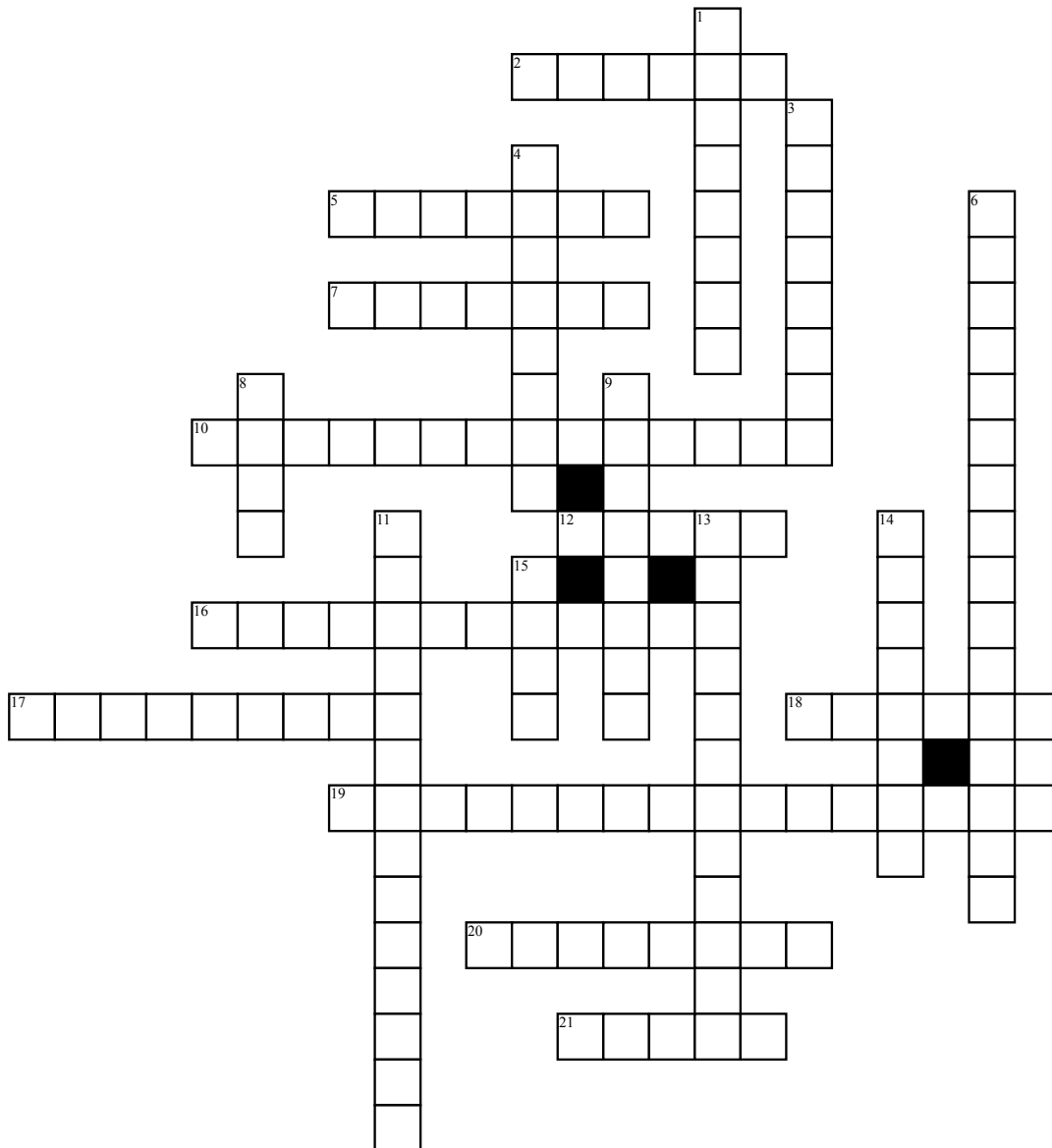


Force and Motion Vocabulary



Across

2. Quantity that has both size and direction
 5. What keeps you on the ground
 7. Closely related to mass
 10. Came up with the Law's of Motion
 12. Push or pull
 16. A car increasing its speed is an example of this
 17. An example of this is when you run into someone

18. Distance between starting and ending points shows this happened
 19. Without it, the object would go flying off in a straight line
 20. All the forces combined acting on an object
 21. Rate at which the distance an object moves compared to time

Down

1. Product of an objects mass and velocity

3. This happens when two surfaces rub together
 4. Speed times time
 6. Causes objects to move
 8. Distance divided by speed
 9. Speed in a specific direction
 11. When the net force is zero
 13. When one object pushes or pulls another object by touching it
 14. Used to describe motion
 15. Force divided by acceleration