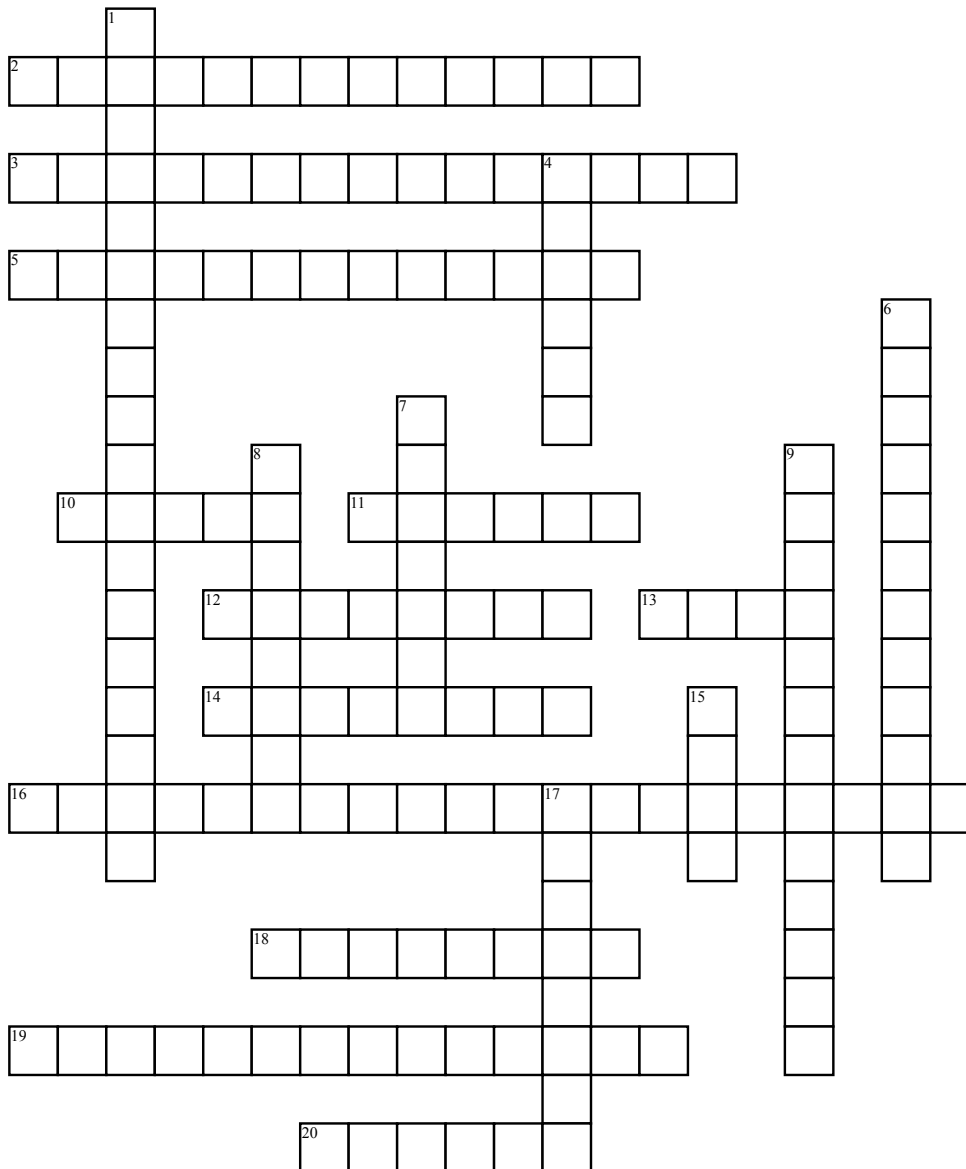


Force and Motion



Across

2. Released energy
 3. Stored energy
 5. The distance traveled divided by the time elapsed
 10. Mass * acceleration = _____
 11. Force of gravity on an object
 12. The place or location of an object
 13. The amount of matter in an object

14. _____ ÷ time = speed
 16. The process of changing from one type of energy to another
 18. When all the forces acting on an object are added together
 19. A location to which you compare other locations
 20. The change of position over time

Down

1. _____ is the speed at any given instant in time
 4. The ability to do work

6. (final speed / velocity - initial speed / velocity) ÷ time
 7. The tendency of an object to resist change
 8. Distance ÷ time + direction
 9. When the speed of an object remains the same.
 15. Distance ÷ Speed = _____
 17. The force that opposes the motion between two surfaces that touch