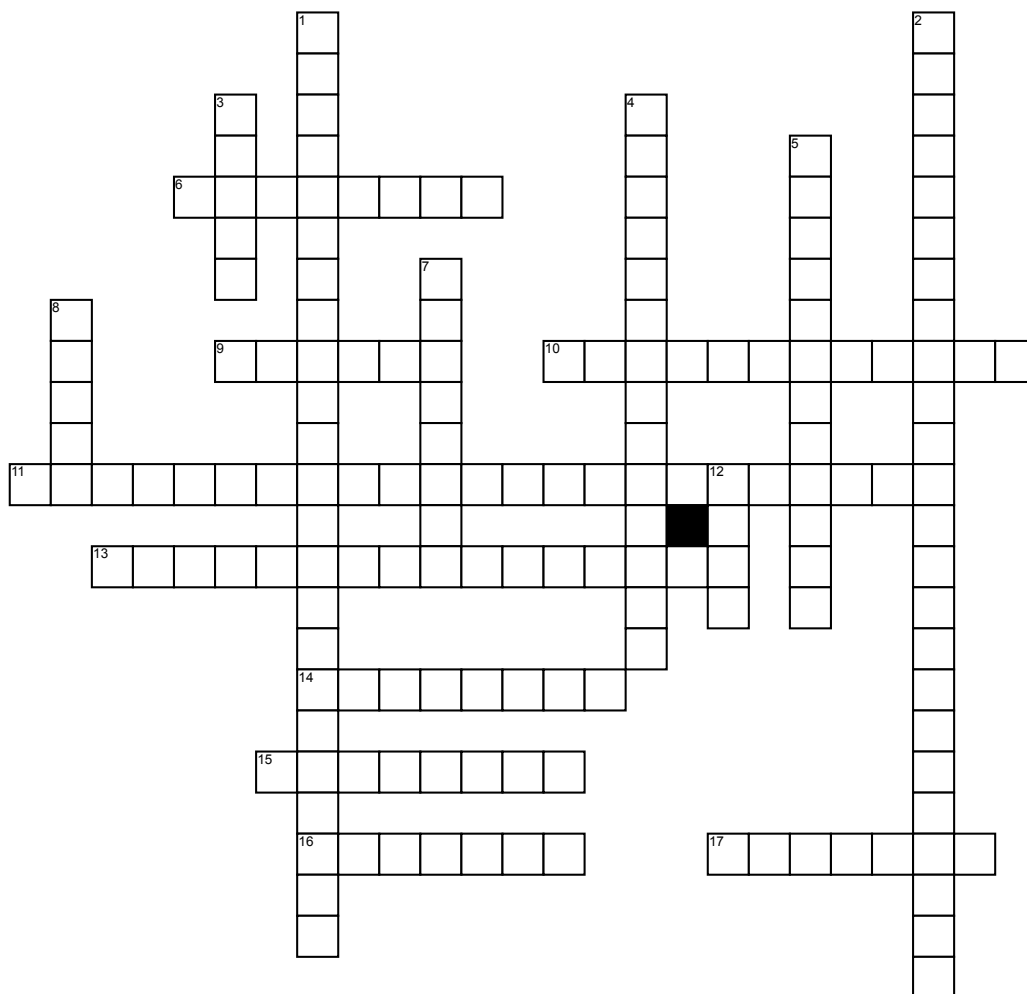


Name: _____ Date: _____ Period: _____

Newton's Laws of motion Vocabulary



Across

6. Speed in a given direction
 9. measured normally by a scale
 10. The total distance traveled by object divide by the elapsed time
 11. For every action there is an equal opposite reaction
 13. Force that produces a nonzero net force
 14. the resistance that one surface or object when moving over another

Word Bank

Balanced forces
 Acceleration
 Force
 Velocity
 mass
 Inertia

15. The quantity of motion of a moving body
 16. The tendency of an object to resist change in its motion
 17. The force that pulls objects toward each other

Down

1. The law of inertia
 2. Acceleration of an object depends upon its mass & the force acting upon it
 3. The distances an object travels per unit of time

Net Force
 Newton's first law of motion
 Momentum
 Newton's second law of motion
 gravity
 Speed

4. Equal Forces acting on an object In opposite directions
 5. A change of velocity
 7. The overall force on an object when all individual forces acting on it are added together
 8. A push or pull
 12. a consistent, mainly large body of matter

Weight
 Friction
 Average speed
 Newton's Third Law of motion
 Unbalanced Forces