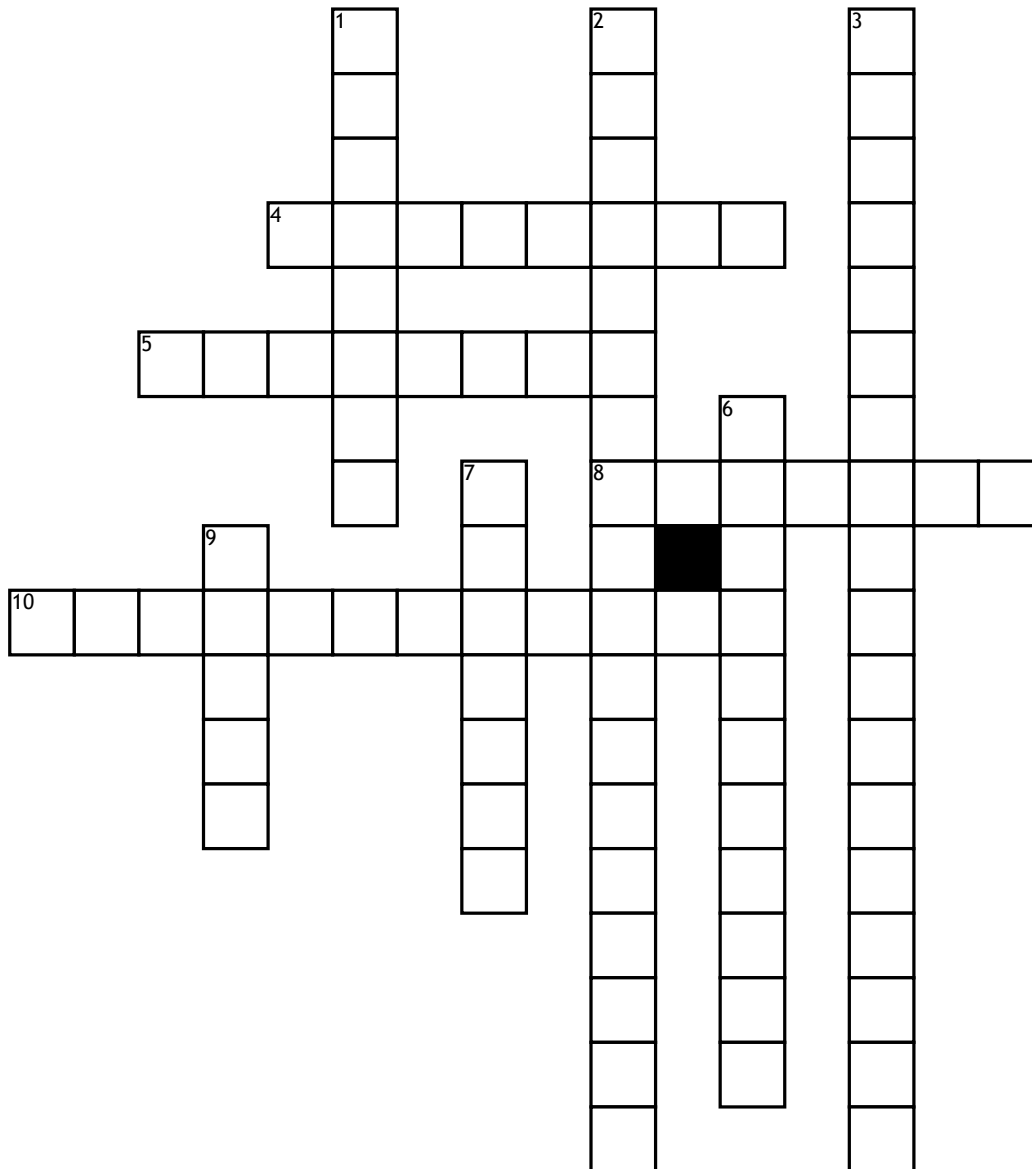# MOTION

Across

4. The product of mass and velocity.

5. A measure of how far an object has moved from a starting point.

8. The speed which is equal to the total distance traveled divided by the total time of travel.

10. The distance and direction of an object from a starting point.

Down

1. Includes both speed of an object and the direction if it is moving

2. The motion rate of an object at a particular time period or moment.

3. The rate of change in a position at a given point in time.

6. The type of acceleration towards the inside of a curved path.

7. The tendency of an object to resist any change in position.

9. The distance an object travels per unit of time.