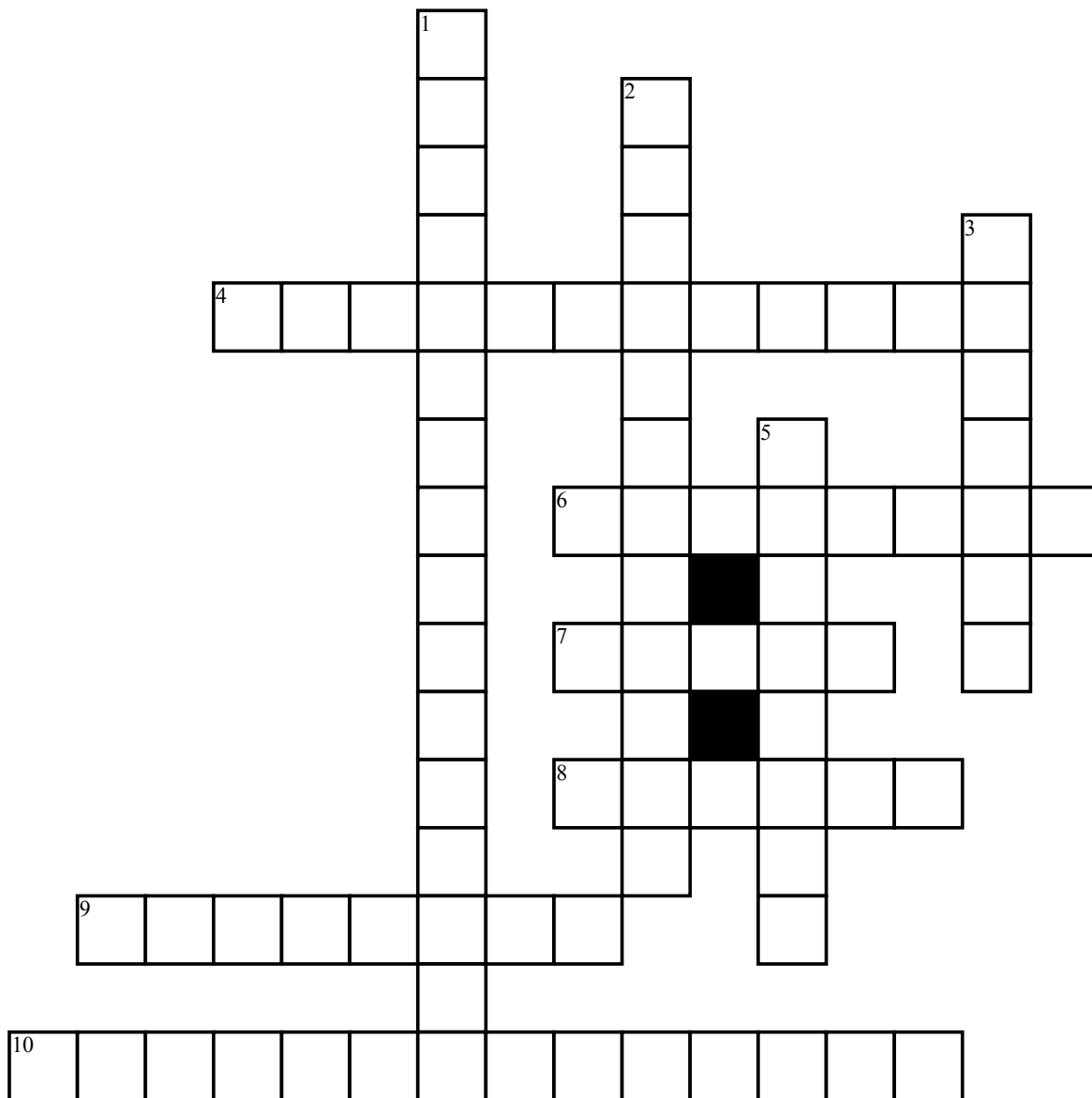


Name: _____

Date: _____

Motion and Speed



Across

4. The rate of change of velocity
6. The speed of an object and the direction its motion
7. The distance an object travels per unit of time
8. Measurement that has direction and magnitude
9. How far an object has moved
10. Forces on an object that are equal in size and opposite direction

Down

1. A stationary point to which you compare perceived motion
2. The total distance traveled divided by the total time of travel
3. The tendency of an object to resist any change in its motion
5. The inertia of motion. Determined by mass times velocity