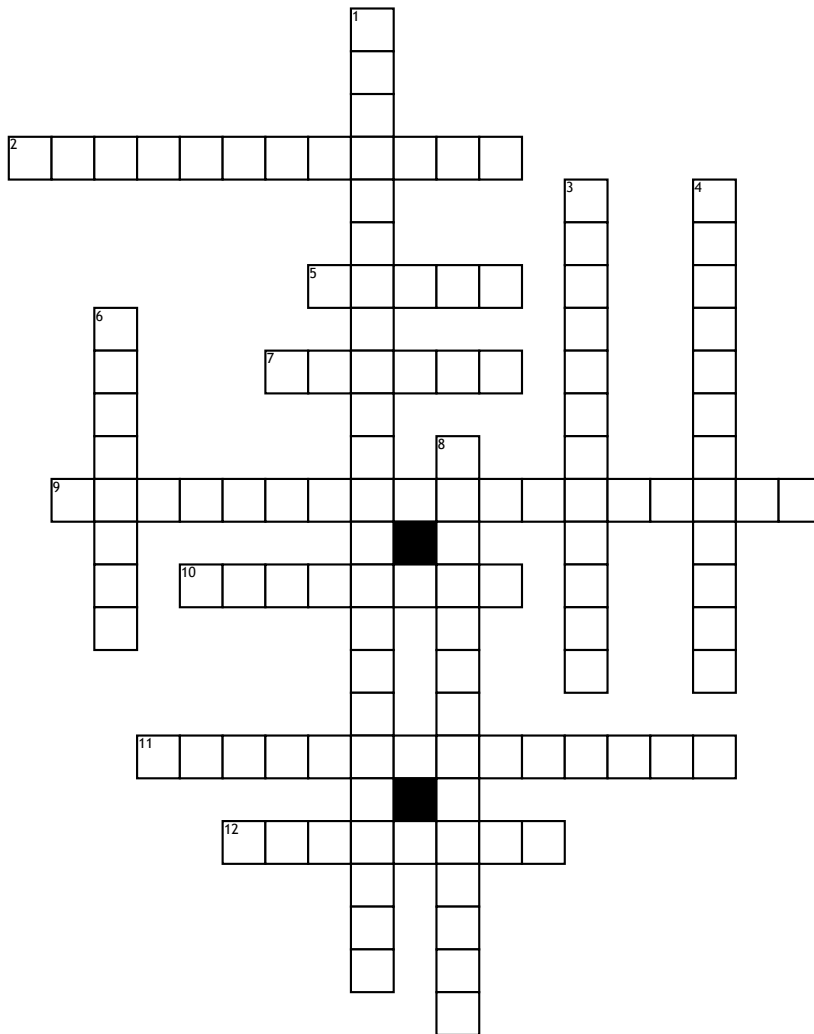


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Motion Vocabulary



## Across

2. The rate at which velocity changes
5. Distance an object has traveled per unit of time
7. A change in position of an object over time
9. Speed at which an object is moving at any given instant

10. Speed and direction of an object's motion

11. A value that has only magnitude

12. Length of path between two points

## Down

1. Acceleration toward the center of a curved or circular path

3. Speed of motion when speed is changing

4. Distance and direction of an object's change in position of an object's change in position from a starting point

6. Mass in motion; quantity of motion of a moving body

8. A value that has both magnitude and direction

## Word Bank

Motion

Instantaneous speed

Distance

Scalar quantity

Speed

Vector quantity

Displacement

Average speed

Momentum

Acceleration

Centripetal acceleration

Velocity