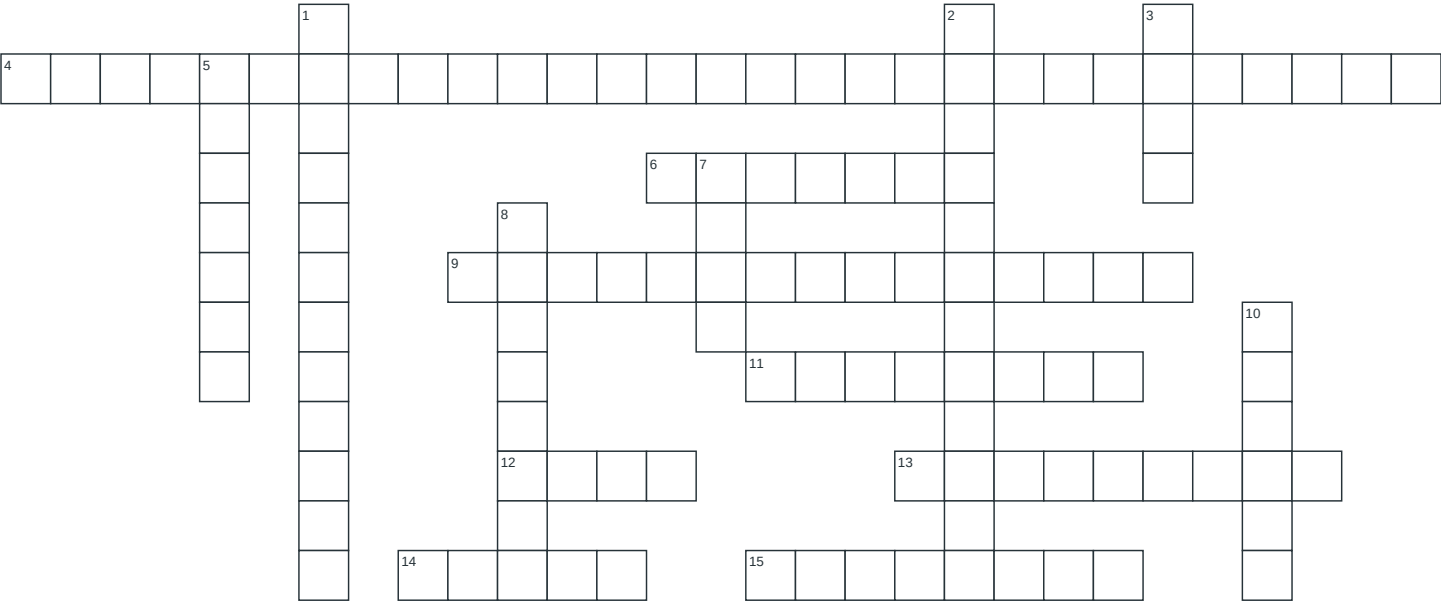


Momentum and Collisions Crossword

Medium | 15 clues | Student Worksheet

Name: _____ Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.



ACROSS

- 4. Characterizes a perfectly inelastic collision
- 6. The change in momentum caused by a force over time
- 9. SI-derived unit commonly used to measure speed or velocity.
- 11. The total length of a traveled path
- 12. State in which position does not change relative to a chosen reference point.
- 13. Orientation of motion, needed to describe a velocity vector.
- 14. Quantity that is a scalar

ACROSS (continued)

- 15. Mass multiplied by velocity

DOWN

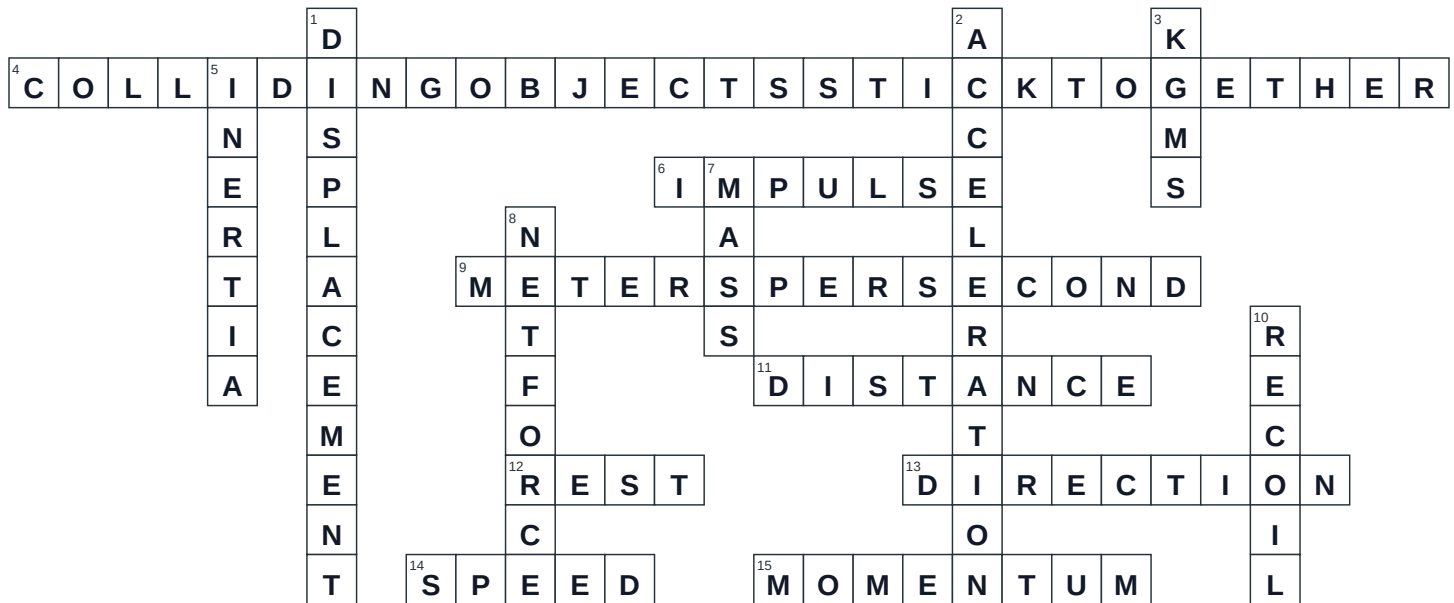
- 1. The directed change from initial to final position
- 2. Change in velocity per unit time.
- 3. Unit that can express momentum
- 5. Resistance to changes in motion
- 7. Measure of the amount of matter in an object.
- 8. The vector sum of all forces acting on an object
- 10. Backward motion associated with another object's forward momentum

Momentum and Collisions Crossword

Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

4. Colliding Objects Stick Together
6. Impulse
9. Meters per second
11. Distance
12. Rest
13. Direction
14. Speed
15. Momentum

DOWN

1. Displacement
2. Acceleration
3. Kg·m/s
5. Inertia
7. Mass
8. Net Force
10. Recoil