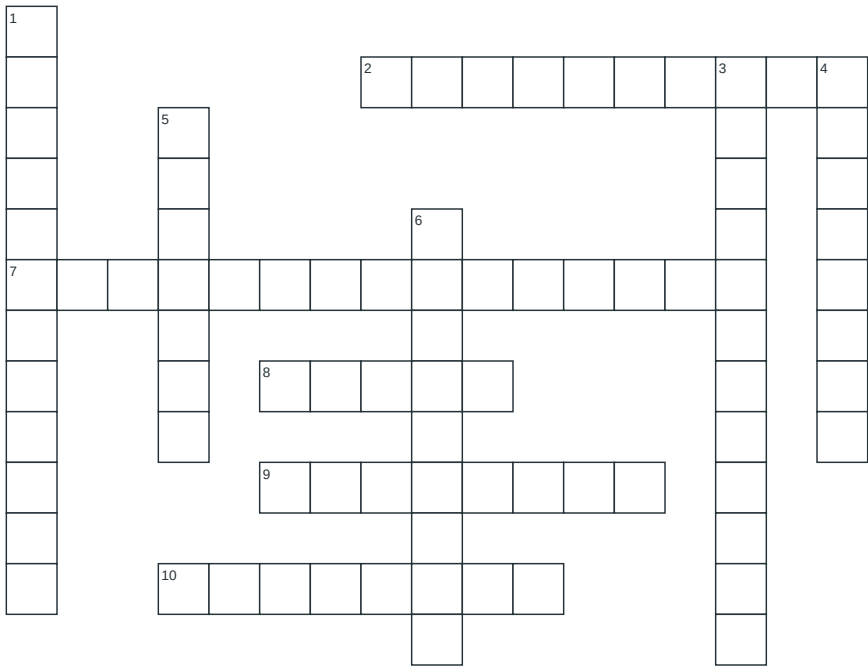


Projectile Motion Crossword

Easy | 10 clues | Student Worksheet

Name: _____ Date: _____

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



- ACROSS
- DOWN
2. Approximate value is commonly used for gravitational acceleration near Earth's surface

7. At equal launch and landing heights with no drag and fixed launch speed, which angle gives maximum range

8. Quantity that is a scalar

9. At the highest point of an upward launch, which velocity component is zero

10. Shape is an ideal projectile's path under constant downward gravity
1. The directed change from initial to final position

3. Change in velocity per unit time.

4. The total length of a traveled path

5. In the ideal near-Earth projectile model, which force acts after launch when air resistance is neglected

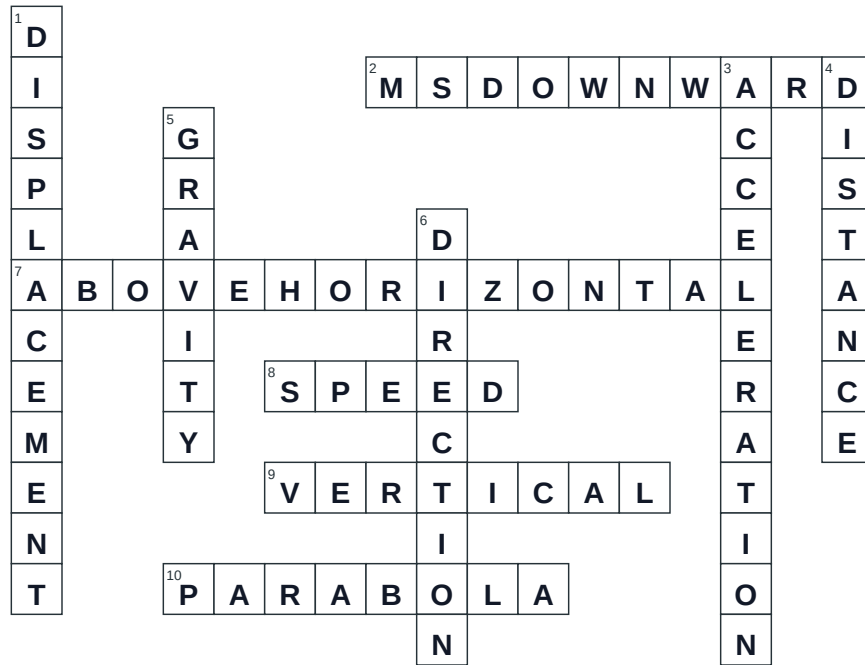
6. Orientation of motion, needed to describe a velocity vector.

Projectile Motion Crossword

Easy | 10 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

2. 9.8 M/s^2 Downward
7. 45° Above Horizontal
8. Speed
9. Vertical
10. Parabola

DOWN

1. Displacement
3. Acceleration
4. Distance
5. Gravity
6. Direction