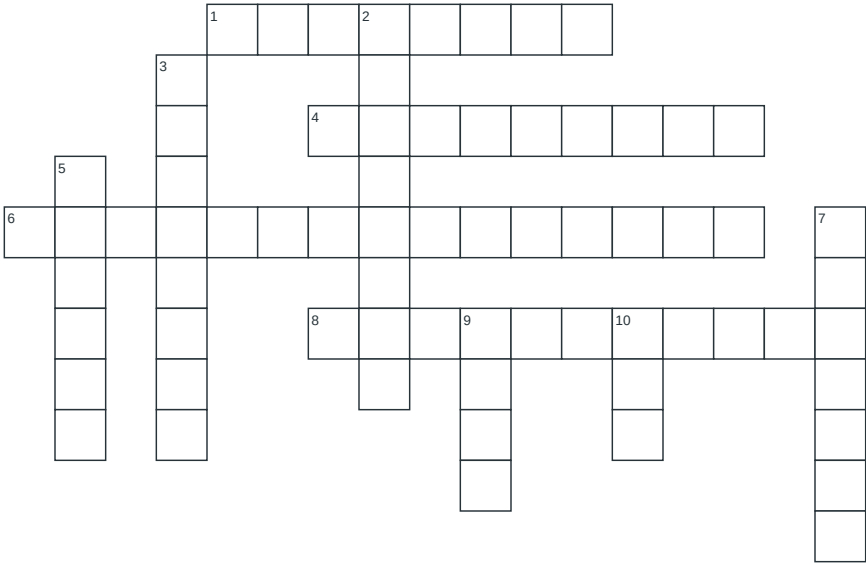


Forces and Newton's Laws Crossword

Easy | 10 clues | Student Worksheet

Name: _____ Date: _____

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



ACROSS

- 1. The vector sum of all forces acting on an object
- 4. Orientation of motion, needed to describe a velocity vector.
- 6. Equal and opposite interaction forces acting on different objects
- 8. Force that is a surface's push perpendicular to that surface

DOWN

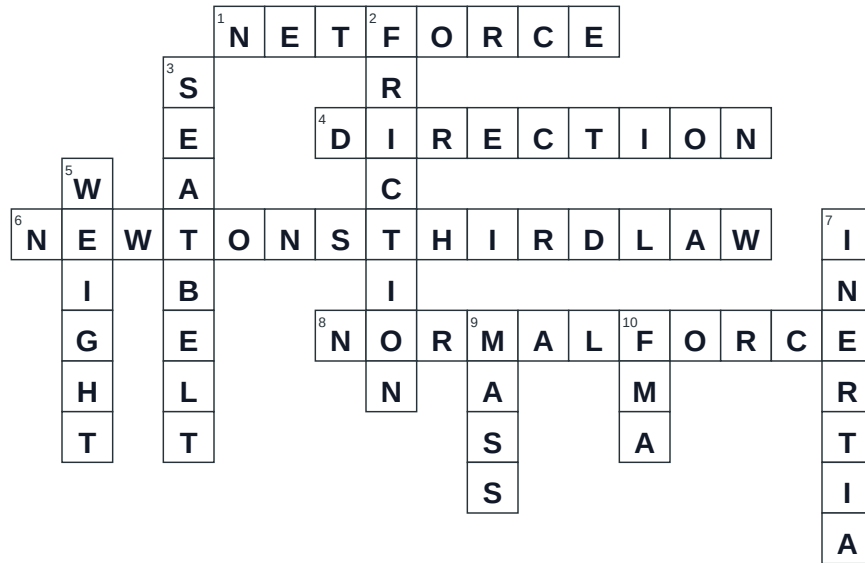
- 2. Opposes the relative sliding of contacting surfaces
- 3. Exerts a force that changes the passenger's motion
- 5. The gravitational force acting on an object
- 7. Resistance to changes in motion
- 9. Measure of the amount of matter in an object
- 10. Relationship that expresses Newton's second law for constant mass

Forces and Newton's Laws Crossword

Easy | 10 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

1. Net Force
4. Direction
6. Newton's Third Law
8. Normal Force

DOWN

2. Friction
3. Seat Belt
5. Weight
7. Inertia
9. Mass
10. $F = ma$