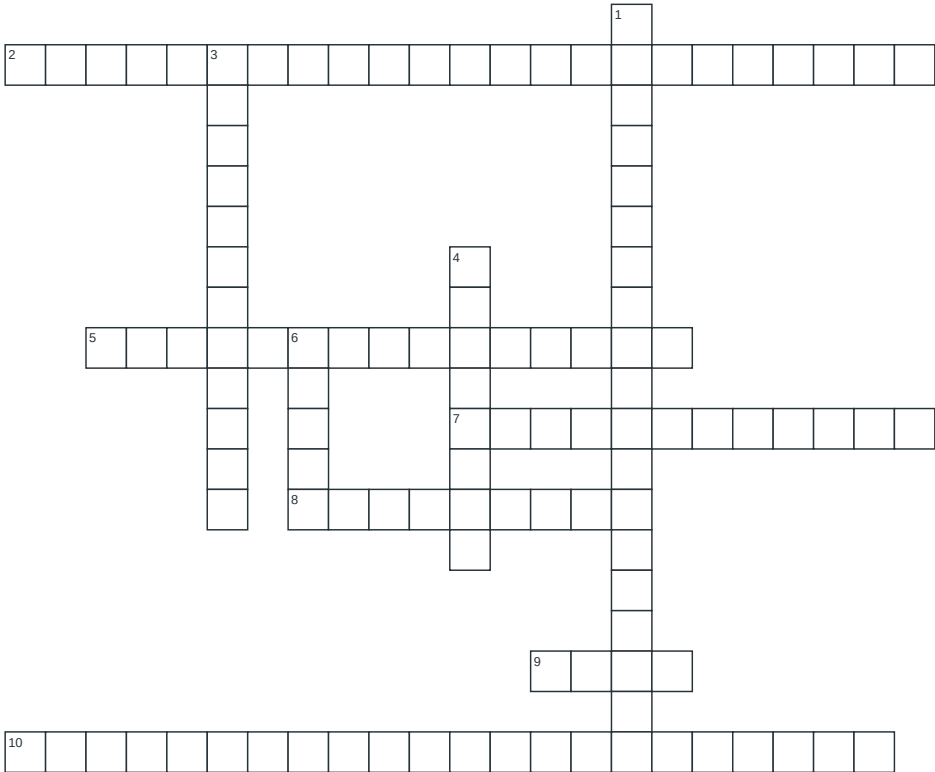


Measurement in Physics Crossword

Easy | 10 clues | Student Worksheet

Name: _____ Date: _____

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



ACROSS

- 2. The velocity changes as the slope changes
- 5. SI-derived unit commonly used to measure speed or velocity.
- 7. Change in velocity per unit time.
- 8. Orientation of motion, needed to describe a velocity vector.
- 9. State in which position does not change relative to a chosen reference point.

ACROSS (continued)

- 10. Unit that combination represents acceleration

DOWN

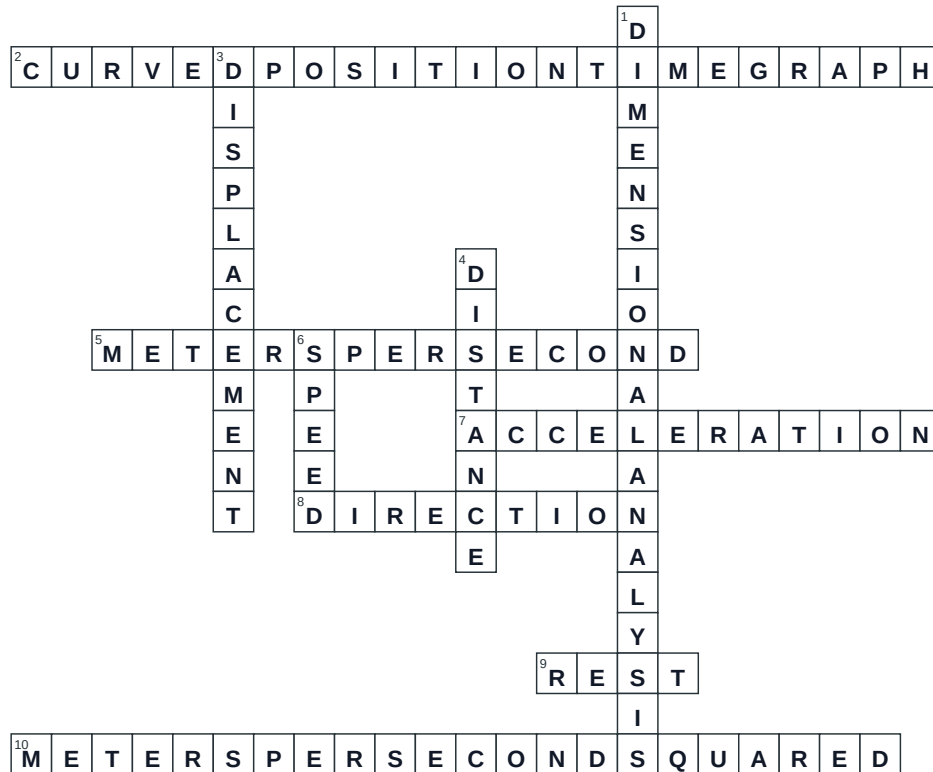
- 1. Use of units to check or derive relationships in calculations
- 3. Physical quantity requires both magnitude and direction
- 4. The total length of a traveled path
- 6. Quantity that is a scalar

Measurement in Physics 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. Curved Position-time Graph
5. Meters per second
7. Acceleration
8. Direction
9. Rest
10. Meters Per Second Squared

DOWN

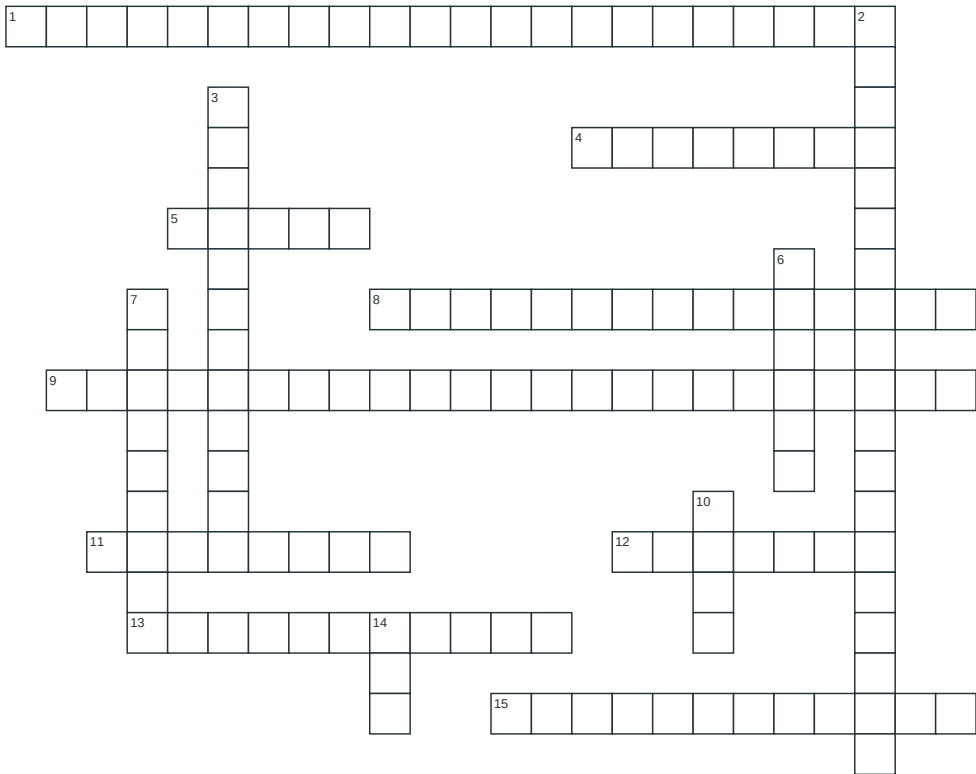
1. Dimensional Analysis
3. Displacement
4. Distance
6. Speed

Measurement in Physics Crossword

Medium | 15 clues | Student Worksheet

Name: _____ Date: _____

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



ACROSS

- 1. Unit that combination represents acceleration
- 4. The vector sum of all forces acting on an object
- 5. Quantity that is a scalar
- 8. SI-derived unit commonly used to measure speed or velocity.
- 9. The velocity changes as the slope changes
- 11. The total length of a traveled path
- 12. Resistance to changes in motion
- 13. Force that is a surface's push perpendicular to that surface
- 15. Change in velocity per unit time.

DOWN

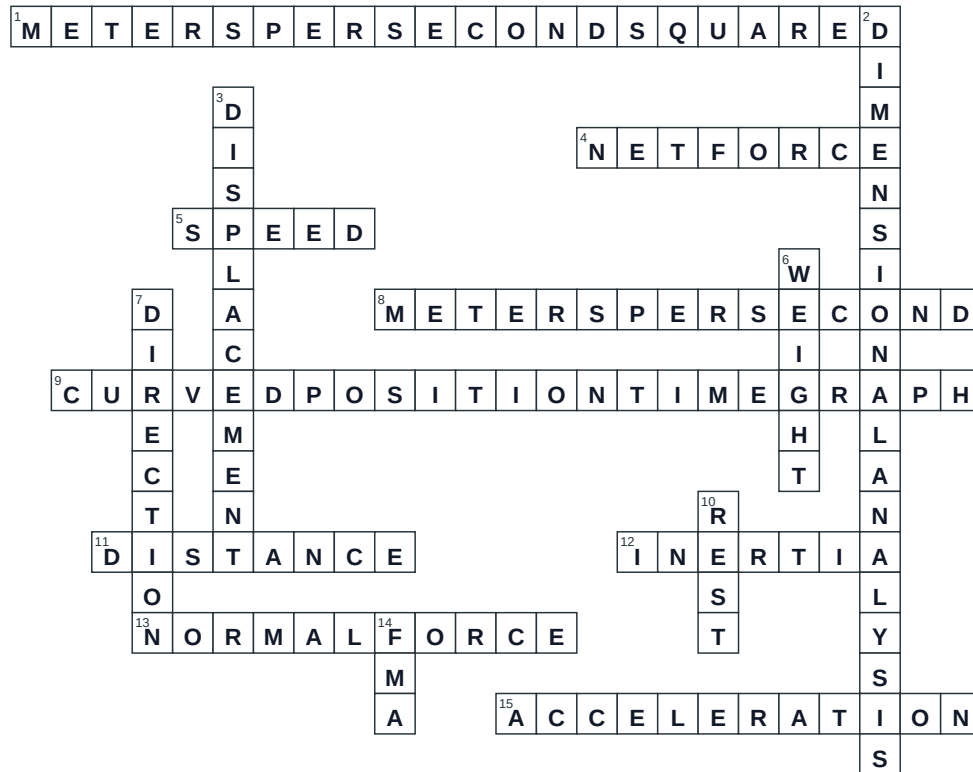
- 2. Use of units to check or derive relationships in calculations
- 3. Physical quantity requires both magnitude and direction
- 6. The gravitational force acting on an object
- 7. Orientation of motion, needed to describe a velocity vector.
- 10. State in which position does not change relative to a chosen reference point.
- 14. Relationship that expresses Newton's second law for constant mass

Measurement in Physics Crossword

Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

1. Meters Per Second Squared
4. Net Force
5. Speed
8. Meters per second
9. Curved Position-time Graph
11. Distance
12. Inertia
13. Normal Force

ACROSS (continued)

15. Acceleration

DOWN

2. Dimensional Analysis
3. Displacement
6. Weight
7. Direction
10. Rest
14. F = ma

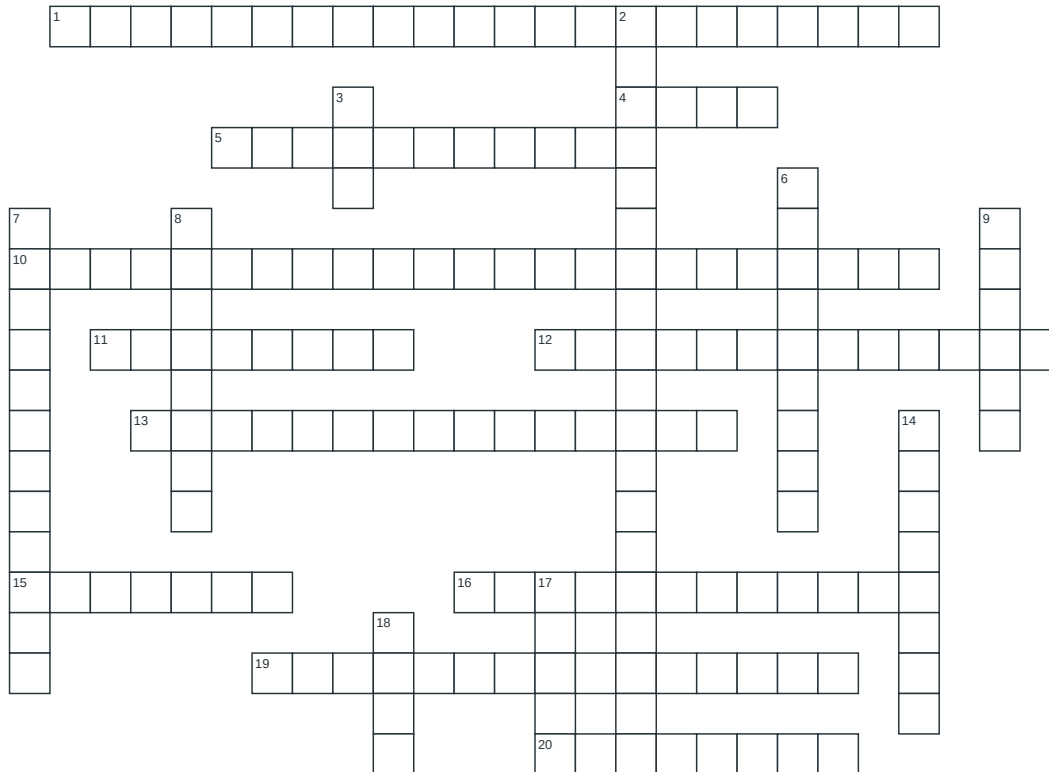
Measurement in Physics Crossword

Hard | 20 clues | Student Worksheet

Name: _____

Date: _____

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



ACROSS

1. Unit that combination represents acceleration
4. Measure of the amount of matter in an object.
5. Force that is a surface's push perpendicular to that surface
10. The velocity changes as the slope changes
11. The vector sum of all forces acting on an object
12. Energy of motion; for a fixed mass it varies with the square of speed.
13. Forces between interacting objects are equal in magnitude and opposite in direction.
15. Resistance to changes in motion
16. Physical quantity requires both magnitude and direction
19. SI-derived unit commonly used to measure speed or velocity.
20. The total length of a traveled path

DOWN

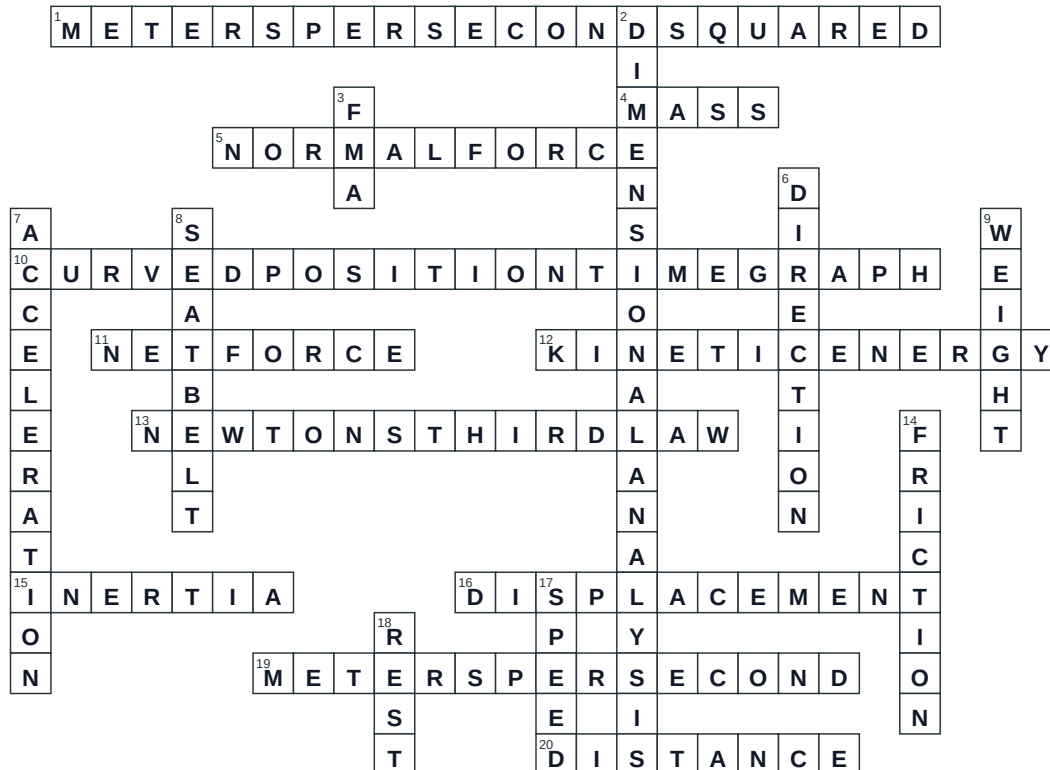
2. Use of units to check or derive relationships in calculations
3. Relationship that expresses Newton's second law for constant mass
6. Orientation of motion, needed to describe a velocity vector.
7. Change in velocity per unit time.
8. Exerts a force that changes the passenger's motion
9. The gravitational force acting on an object
14. Force that opposes relative motion between surfaces in contact.
17. Quantity that is a scalar
18. State in which position does not change relative to a chosen reference point.

Measurement in Physics Crossword

Hard | 20 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

1. Meters Per Second Squared
4. Mass
5. Normal Force
10. Curved Position-time Graph
11. Net Force
12. Kinetic energy
13. Newton's third law
15. Inertia
16. Displacement
19. Meters per second
20. Distance

DOWN

2. Dimensional Analysis
3. $F = ma$
4. Mass
6. Direction
7. Acceleration
8. Seat Belt
9. Weight
14. Friction
17. Speed
18. Rest