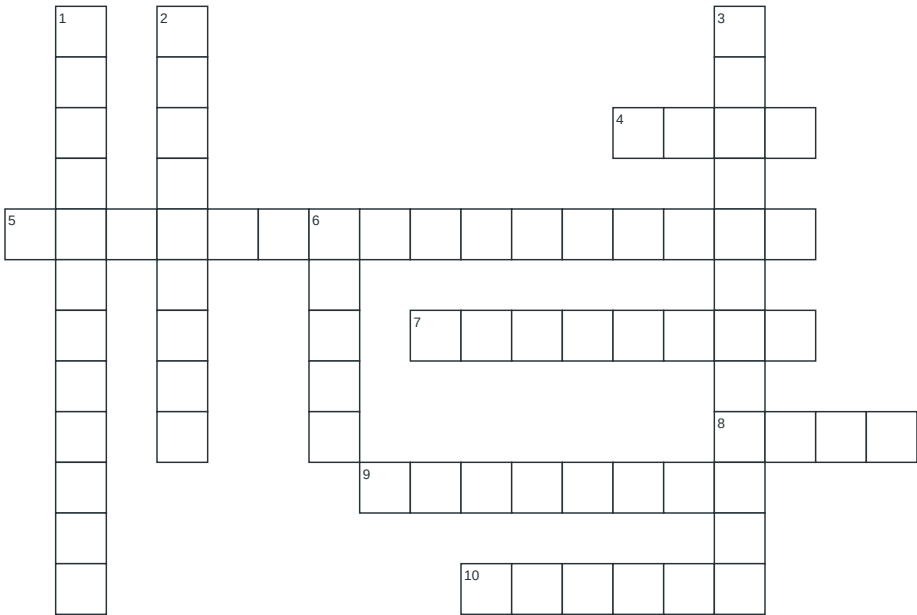


Fluids and Pressure Crossword

Easy | 10 clues | Student Worksheet

Name: _____ Date: _____

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



ACROSS

- 4. State in which position does not change relative to a chosen reference point.
- 5. Pressure changes transmitted through an enclosed fluid
- 7. The total length of a traveled path
- 8. Measure of the amount of matter in an object.
- 9. Force divided by area
- 10. The gravitational force acting on an object

DOWN

- 1. An upward force exerted by a fluid on an immersed object
- 2. Orientation of motion, needed to describe a velocity vector.
- 3. The directed change from initial to final position
- 6. Quantity that is a scalar

Easy | 10 clues | Teacher Answer Key

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



- DOWN**

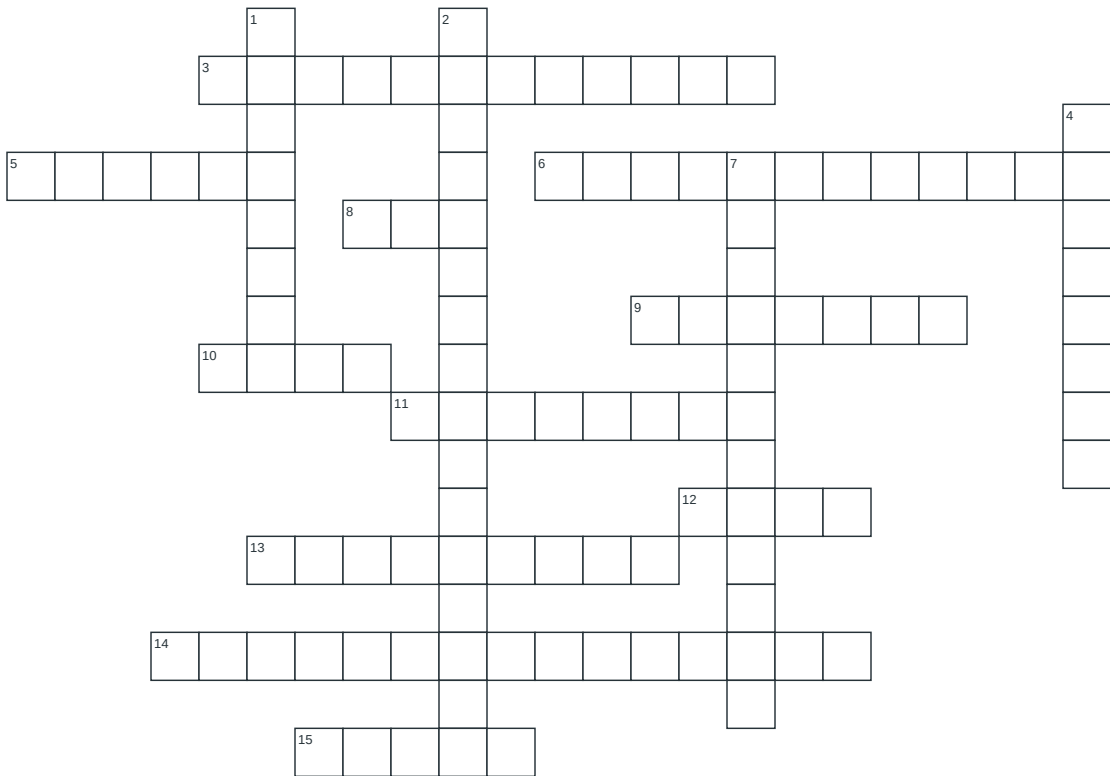
1. Buoyant Force
2. Direction
3. Displacement
6. Speed

Fluids and Pressure Crossword

Medium | 15 clues | Student Worksheet

Name: _____ Date: _____

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



ACROSS

- 3. The directed change from initial to final position
- 5. The gravitational force acting on an object
- 6. An upward force exerted by a fluid on an immersed object
- 8. Relationship that expresses Newton's second law for constant mass
- 9. Resistance to changes in motion
- 10. State in which position does not change relative to a chosen reference point.
- 11. Force divided by area
- 12. Measure of the amount of matter in an object.

ACROSS (continued)

- 13. Orientation of motion, needed to describe a velocity vector.
- 14. SI-derived unit commonly used to measure speed or velocity.
- 15. Quantity that is a scalar

DOWN

- 1. The total length of a traveled path
- 2. Pressure changes transmitted through an enclosed fluid
- 4. The vector sum of all forces acting on an object
- 7. Change in velocity per unit time.

Fluids and Pressure Crossword

Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

- 3. Displacement
- 5. Weight
- 6. Buoyant Force
- 8. $F = ma$
- 9. Inertia
- 10. Rest
- 11. Pressure
- 12. Mass

ACROSS (continued)

- 13. Direction
- 14. Meters per second
- 15. Speed

DOWN

- 1. Distance
- 2. Pascal's Principle
- 4. Net Force
- 7. Acceleration

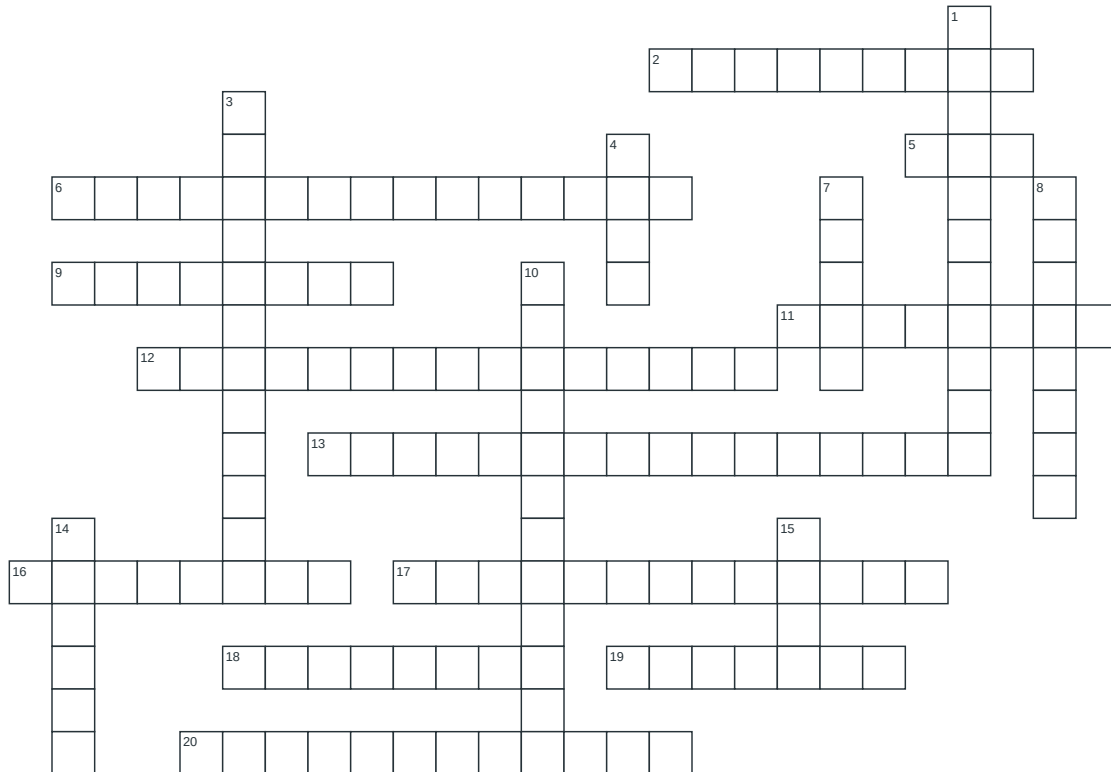
Fluids and Pressure Crossword

Hard | 20 clues | Student Worksheet

Name: _____

Date: _____

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

**ACROSS**

2. Orientation of motion, needed to describe a velocity vector.
5. Relationship that expresses Newton's second law for constant mass
6. Forces between interacting objects are equal in magnitude and opposite in direction.
9. The total length of a traveled path
11. The vector sum of all forces acting on an object
12. SI-derived unit commonly used to measure speed or velocity.
13. Pressure changes transmitted through an enclosed fluid
16. Exerts a force that changes the passenger's motion
17. Energy of motion; for a fixed mass it varies with the square of speed.
18. Force divided by area

ACROSS (continued)

19. Resistance to changes in motion
20. Change in velocity per unit time.

DOWN

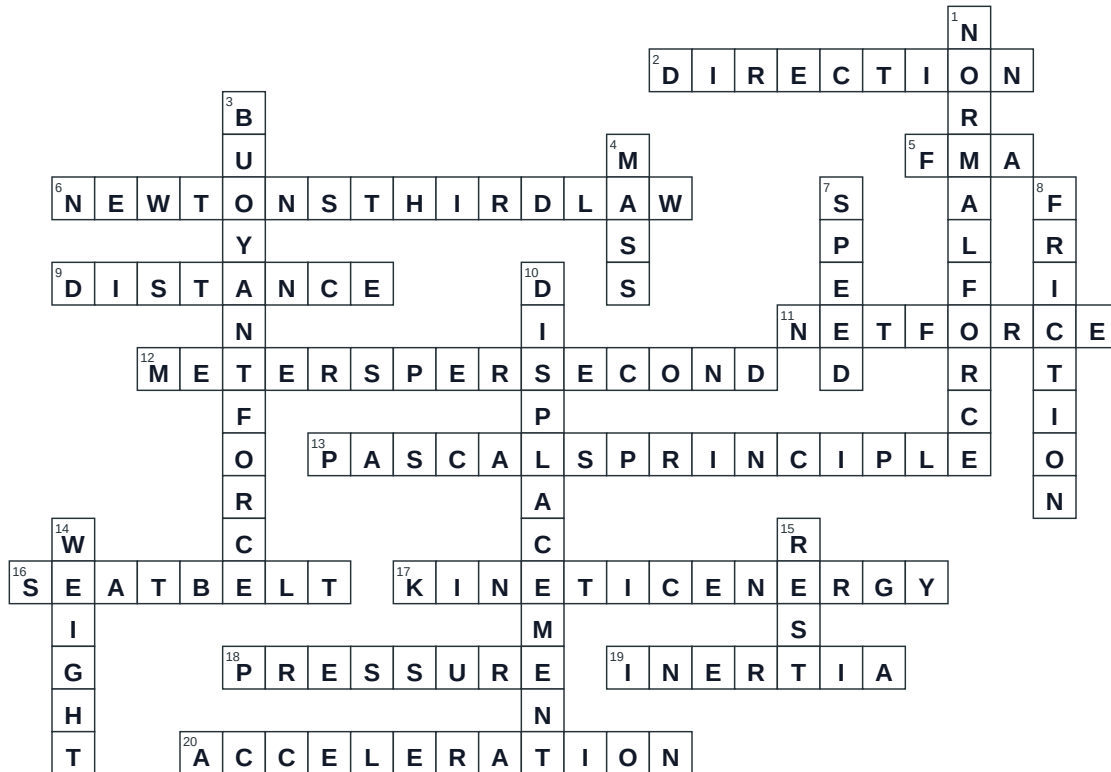
1. Force that is a surface's push perpendicular to that surface
3. An upward force exerted by a fluid on an immersed object
4. Measure of the amount of matter in an object.
7. Quantity that is a scalar
8. Force that opposes relative motion between surfaces in contact.
10. The directed change from initial to final position
14. The gravitational force acting on an object
15. State in which position does not change relative to a chosen reference point.

Fluids and Pressure Crossword

Hard | 20 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

2. Direction
5. $F = ma$
6. Newton's third law
9. Distance
11. Net Force
12. Meters per second
13. Pascal's Principle
16. Seat Belt
17. Kinetic energy
18. Pressure
19. Inertia

ACROSS (continued)

20. Acceleration

DOWN

1. Normal Force
3. Buoyant Force
4. Mass
7. Speed
8. Friction
10. Displacement
14. Weight
15. Rest