

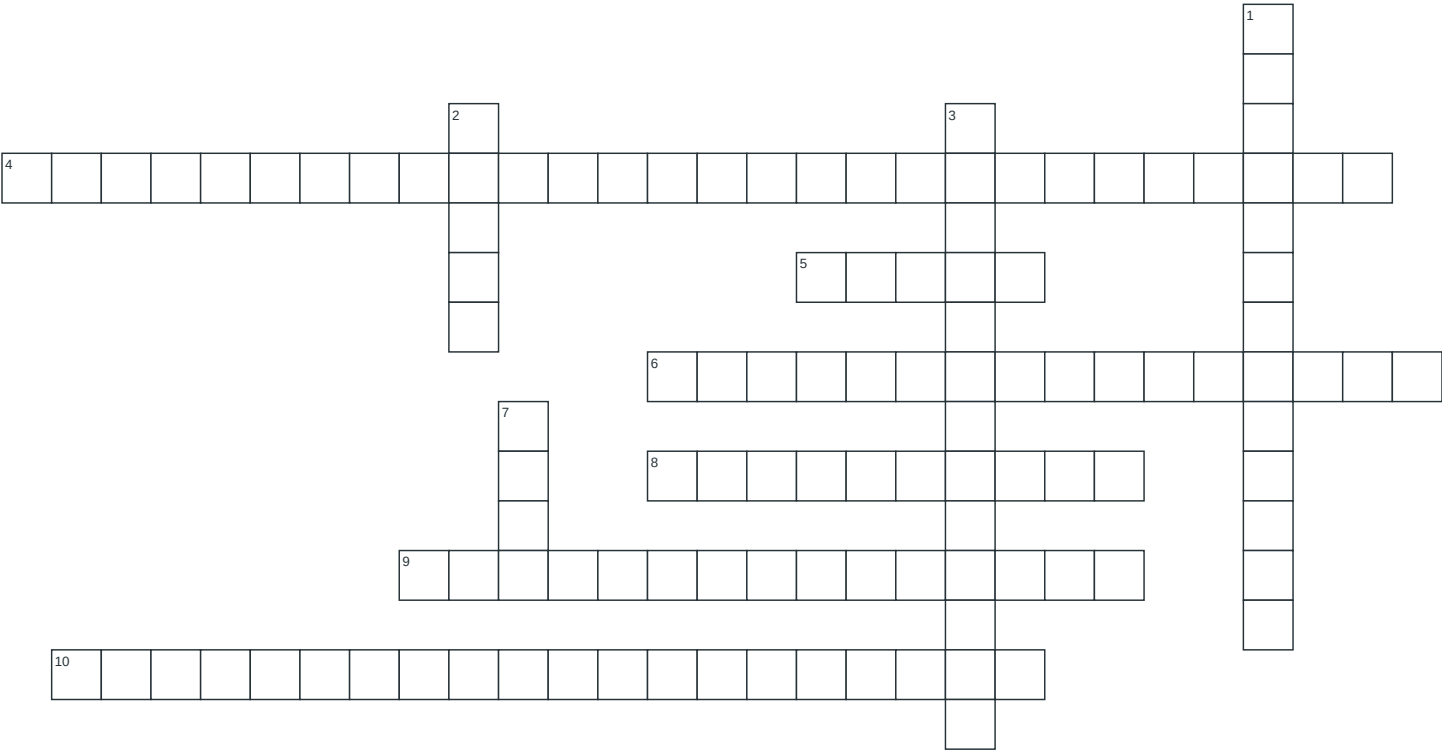
Energy Work and Power Crossword

Easy | 10 clues | Student Worksheet

Name: _____

Date: _____

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



ACROSS

4. Work against gravity transfers energy into the object-Earth system
5. The rate of energy transfer or work
6. The sum of kinetic and potential energy
8. Useful output energy with total input energy
9. Energy associated with position in a gravitational field
10. Energy is transferred or transformed, not created or destroyed

DOWN

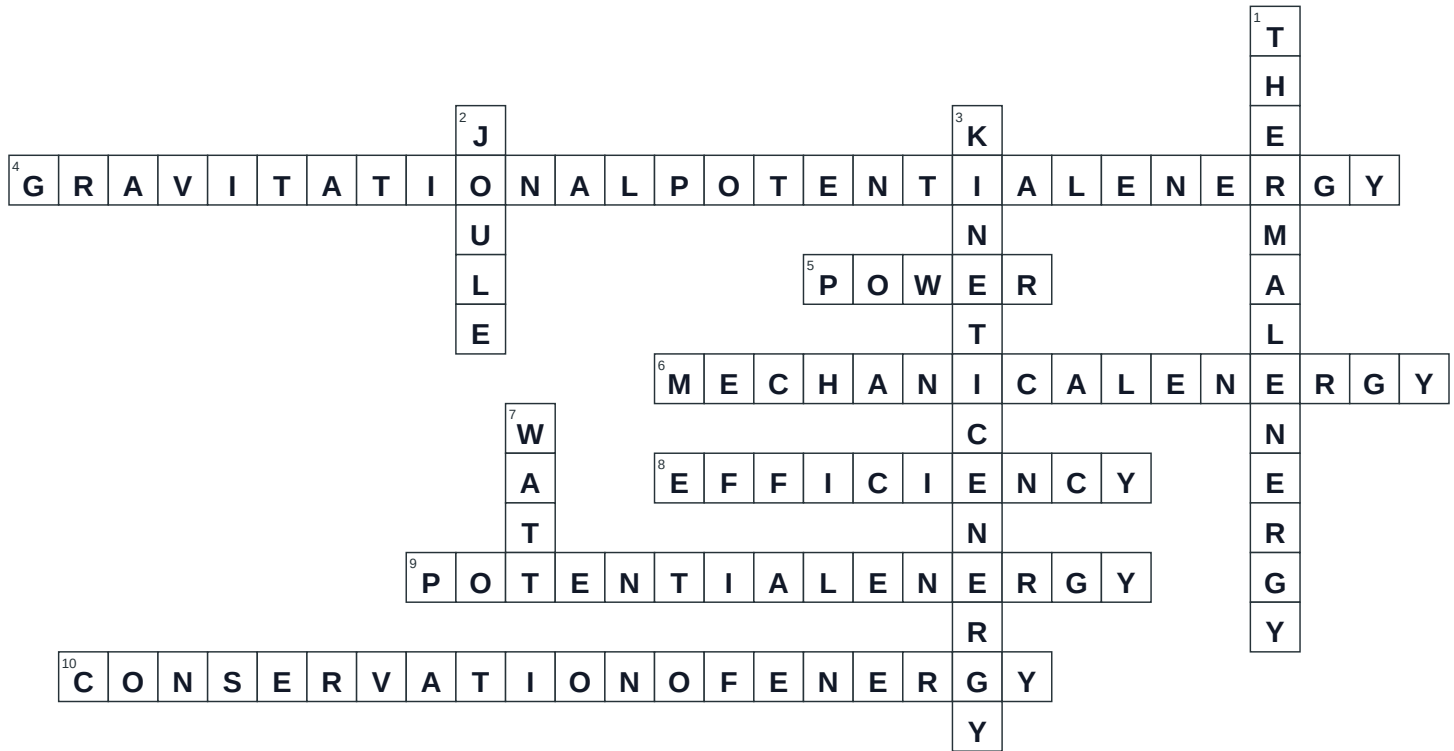
1. Mechanical energy is converted into other forms, including process
2. Definition of the SI unit of energy and work
3. Energy associated with motion
7. Unit that is used for power

Energy Work and Power Crossword

Easy | 10 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

- Gravitational Potential Energy
- Power
- Mechanical Energy
- Efficiency
- Potential Energy
- Conservation Of Energy

DOWN

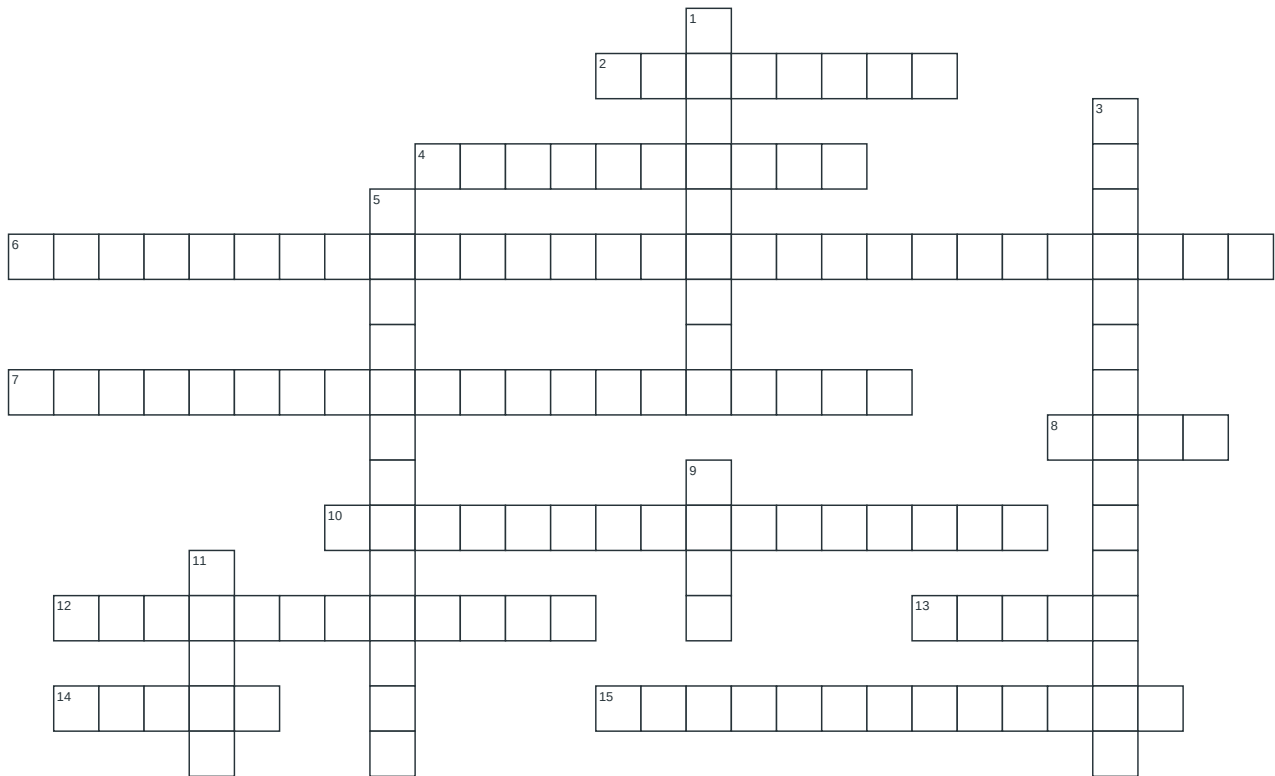
- Thermal Energy
- Joule
- Kinetic Energy
- Watt

Energy Work and Power Crossword

Medium | 15 clues | Student Worksheet

Name: _____ Date: _____

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



ACROSS

- 2. Force that opposes relative motion between surfaces in contact.
- 4. Useful output energy with total input energy
- 6. Work against gravity transfers energy into the object-Earth system
- 7. Energy is transferred or transformed, not created or destroyed
- 8. Unit that is used for power
- 10. The sum of kinetic and potential energy
- 12. The directed change from initial to final position
- 13. Definition of the SI unit of energy and work

ACROSS (continued)

- 14. The rate of energy transfer or work
- 15. Mechanical energy is converted into other forms, including process

DOWN

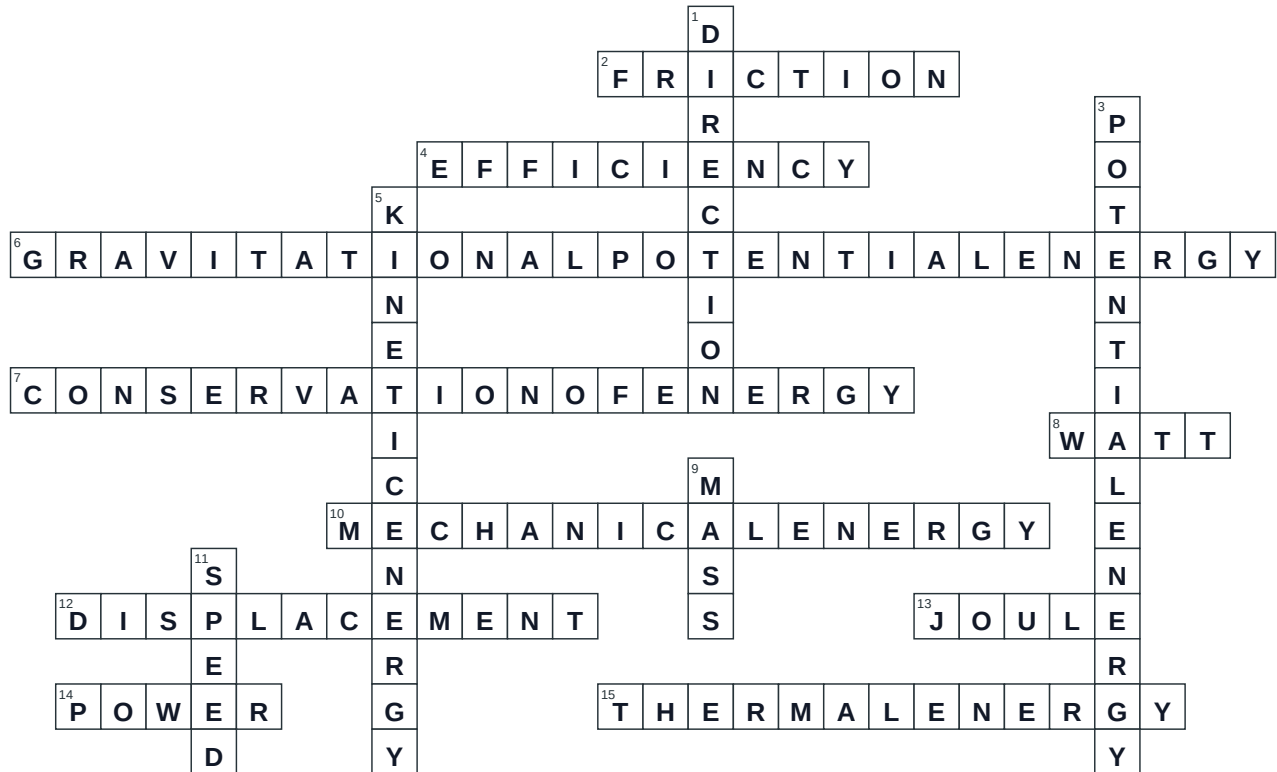
- 1. Orientation of motion, needed to describe a velocity vector.
- 3. Energy associated with position in a gravitational field
- 5. Energy associated with motion
- 9. Measure of the amount of matter in an object.
- 11. Quantity that is a scalar

Energy Work and Power Crossword

Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

2. Friction
4. Efficiency
6. Gravitational Potential Energy
7. Conservation Of Energy
8. Watt
10. Mechanical Energy
12. Displacement
13. Joule

ACROSS (continued)

14. Power
 15. Thermal Energy
- DOWN**

1. Direction
3. Potential Energy
5. Kinetic Energy
9. Mass
11. Speed

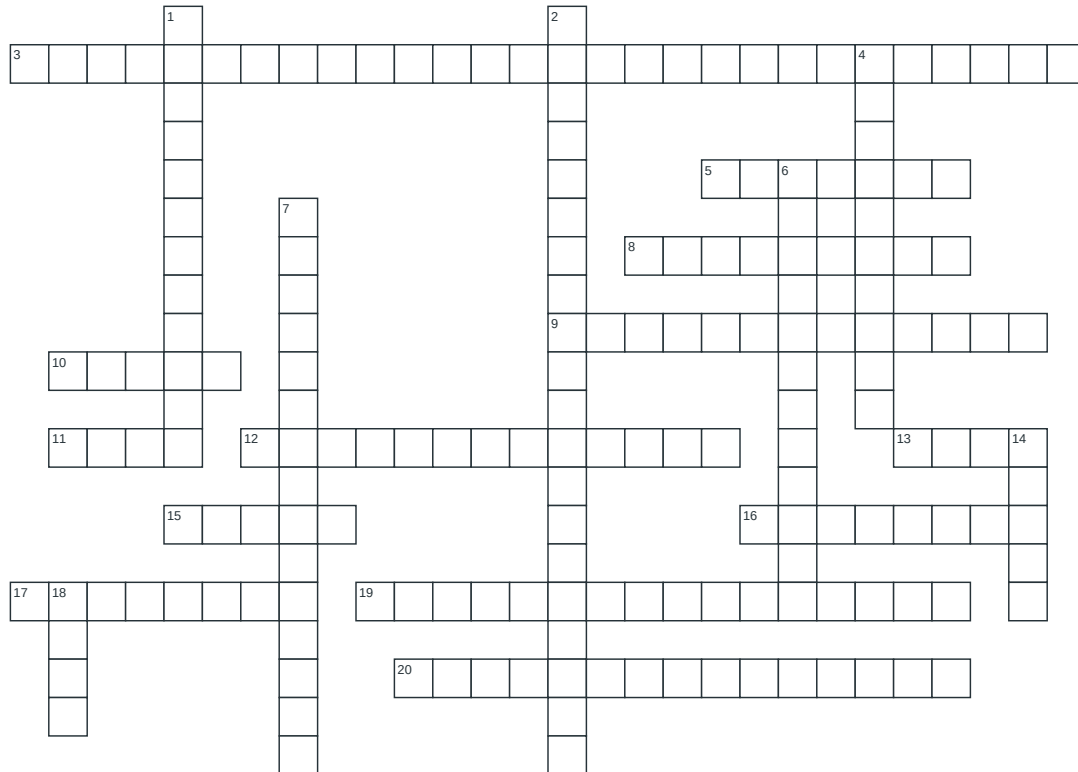
Energy Work and Power Crossword

Hard | 20 clues | Student Worksheet

Name: _____

Date: _____

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



ACROSS

3. Work against gravity transfers energy into the object-Earth system
5. In the ideal near-Earth projectile model, which force acts after launch when air resistance is neglected
8. Orientation of motion, needed to describe a velocity vector.
9. Mechanical energy is converted into other forms, including process
10. The rate of energy transfer or work
11. Unit that is used for power
12. Energy associated with motion
13. Measure of the amount of matter in an object.
15. Definition of the SI unit of energy and work
16. The total length of a traveled path

ACROSS (continued)

17. Force that opposes relative motion between surfaces in contact.
19. The sum of kinetic and potential energy
20. SI-derived unit commonly used to measure speed or velocity.

DOWN

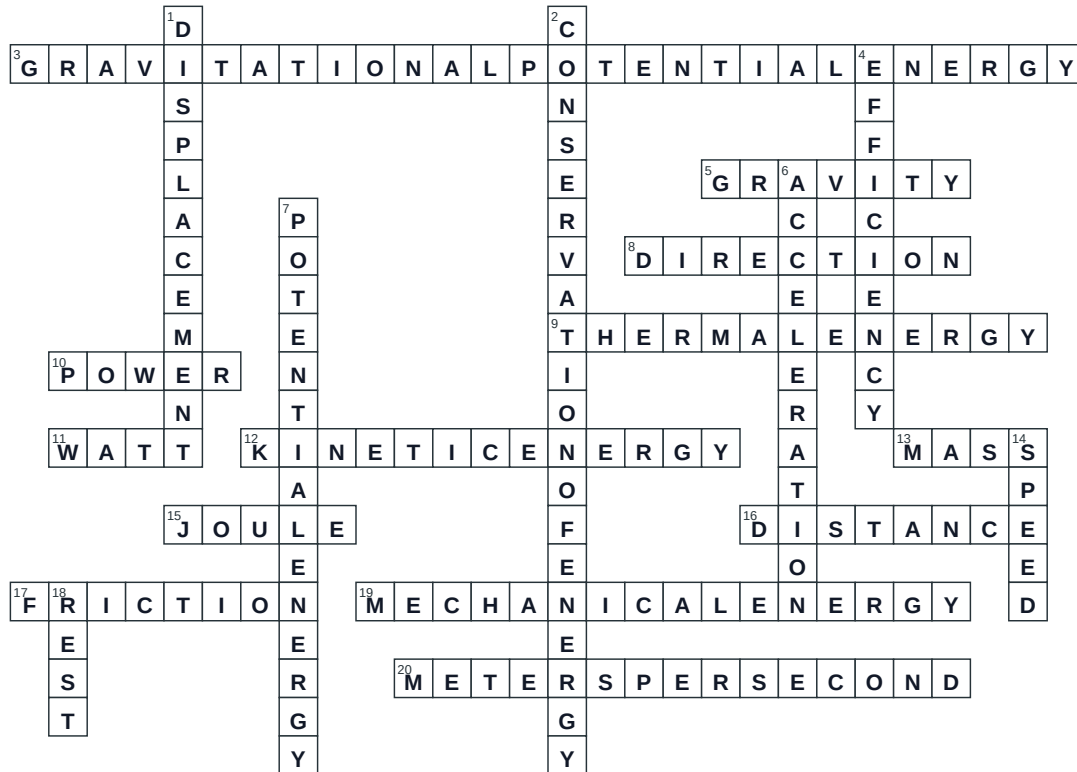
1. The directed change from initial to final position
2. Energy is transferred or transformed, not created or destroyed
4. Useful output energy with total input energy
6. Change in velocity per unit time.
7. Energy associated with position in a gravitational field
14. Quantity that is a scalar
18. State in which position does not change relative to a chosen reference point.

Energy Work and Power Crossword

Hard | 20 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

3. Gravitational Potential Energy
5. Gravity
8. Direction
9. Thermal Energy
10. Power
11. Watt
12. Kinetic Energy
13. Mass
15. Joule
16. Distance
17. Friction

ACROSS (continued)

19. Mechanical Energy
20. Meters per second

DOWN

1. Displacement
2. Conservation Of Energy
4. Efficiency
6. Acceleration
7. Potential Energy
14. Speed
18. Rest