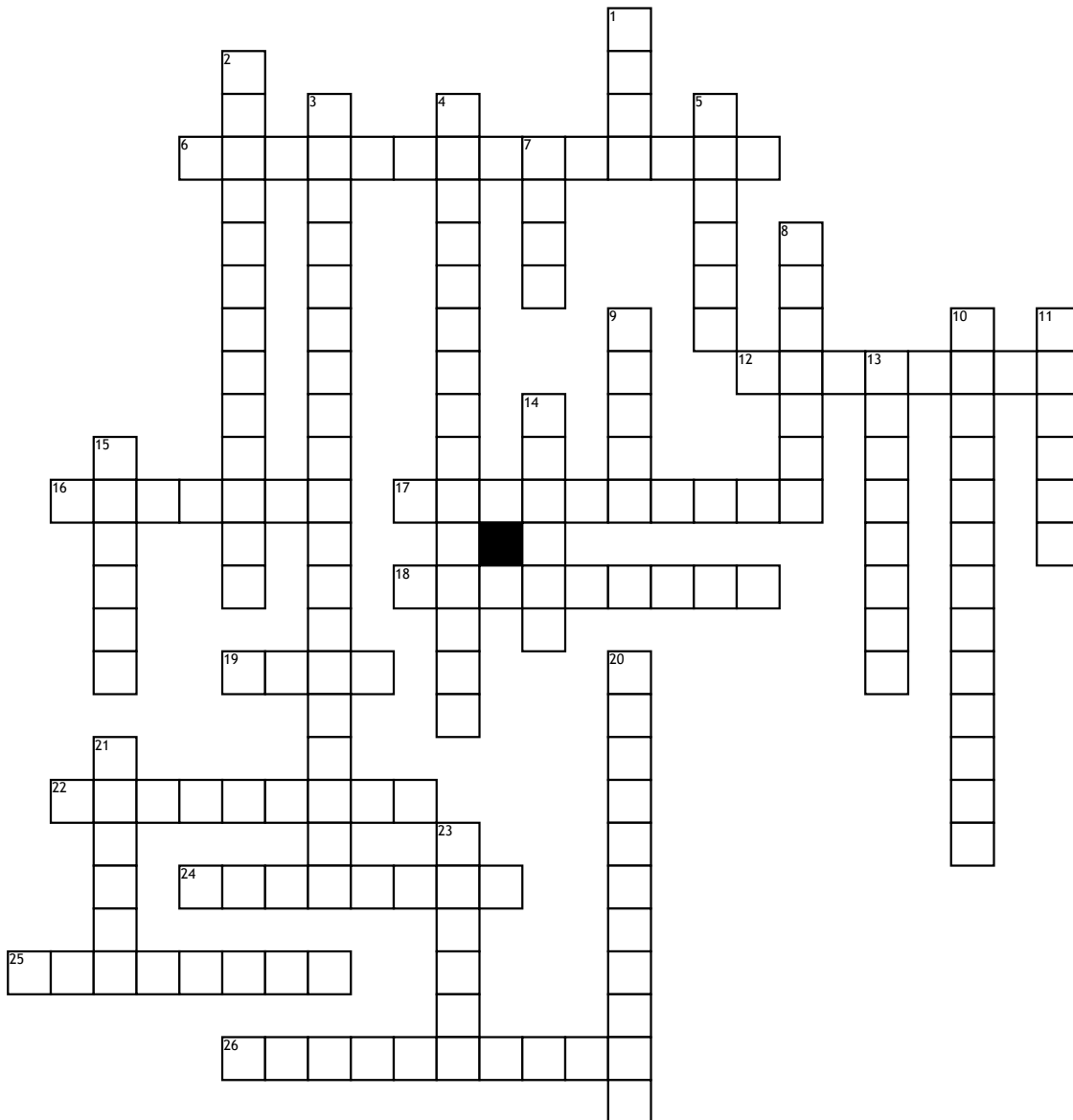


# Energy and Momentum



## Across

6. When energy changes forms  
 12. force that resists motion; caused when 2 objects rub against each other  
 16. when 1 nucleus splits. happens in nuclear power plants  
 17. energy from hot rocks underground  
 18. machine that converts mechanical energy into electrical energy  
 19. A force applied over a distance  
 22. type of energy that will never run out; examples are solar, wind, and hydroelectric  
 24. all moving objects have it; depends on mass and velocity

25. relationship where as one variable increases the other variable decreases  
 26. type of energy associated with moving parts

## Down

1. energy transformations are never 100% efficient because some energy is always given off as this  
 2. green house gas given off when fossil fuels are burned  
 3. the variable you change on purpose in an experiment  
 4. stored energy or energy of position  
 5. The units for work and energy  
 7. The amount of matter in an object

8. another name for heat energy  
 9. A push or pull  
 10. energy of motion  
 11. The ability to do work  
 13. type of energy that gets released when bonds get broken  
 14. Anything that has mass and takes up space  
 15. type of relationship where as one variable increases the other variable also increases  
 20. coal, oil, and natural gas  
 21. the amount of time it takes a pendulum to make one back and forth motion  
 23. when 2 or more nuclei join; happens on the sun