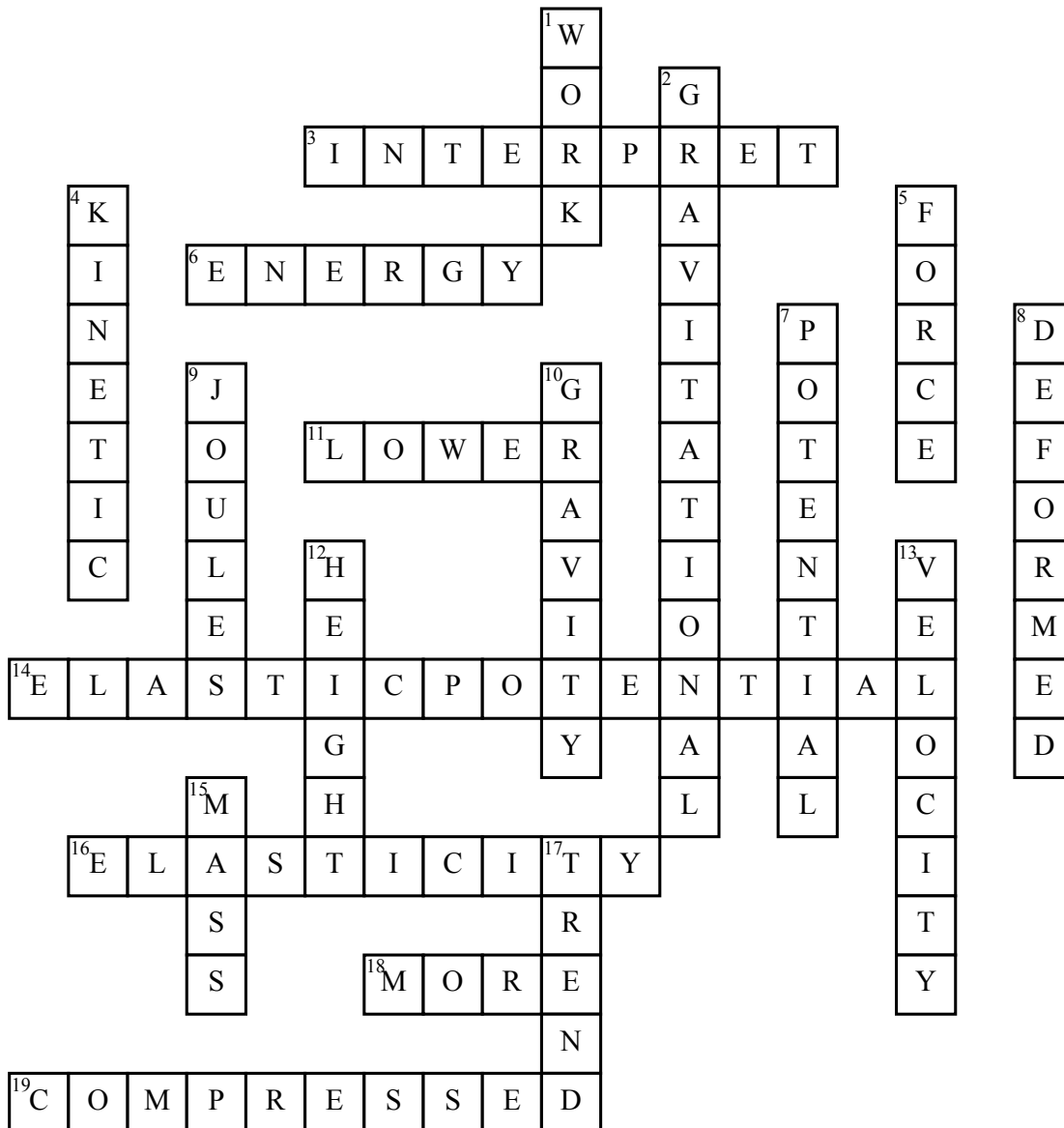


# KENETIC AND POTENTIAL ENERGY



## Across

3. to find the meaning of something  
 6. the ability to do work  
 11. the \_\_\_\_\_ the speed, the less the kinetic energy.  
 14. type of stored energy released when an object's shape is changed  
 16. ability of a material to return to its original shape after it is deformed  
 18. the more mass the \_\_\_\_\_ kinetic energy  
 19. squeezed or pressed together

## Down

1. a way to increase (or decrease) an object's energy by using a force to change the object's motion or position  
 2. stored energy of an object based on its position above the ground (height)  
 4. the energy of motion  
 5. a push or pull that acts on an object  
 7. energy that is stored to be transformed at a later time  
 8. changed in shape because of an applied force

## 9. The unit for energy

10. the force of attraction between any two masses  
 12. Potential energy depends upon mass and \_\_\_\_\_  
 13. Kinetic energy depends upon mass and \_\_\_\_\_  
 15. the property of matter that measures its resistance to acceleration  
 17. a pattern or a tendency you can see over a broad range of data