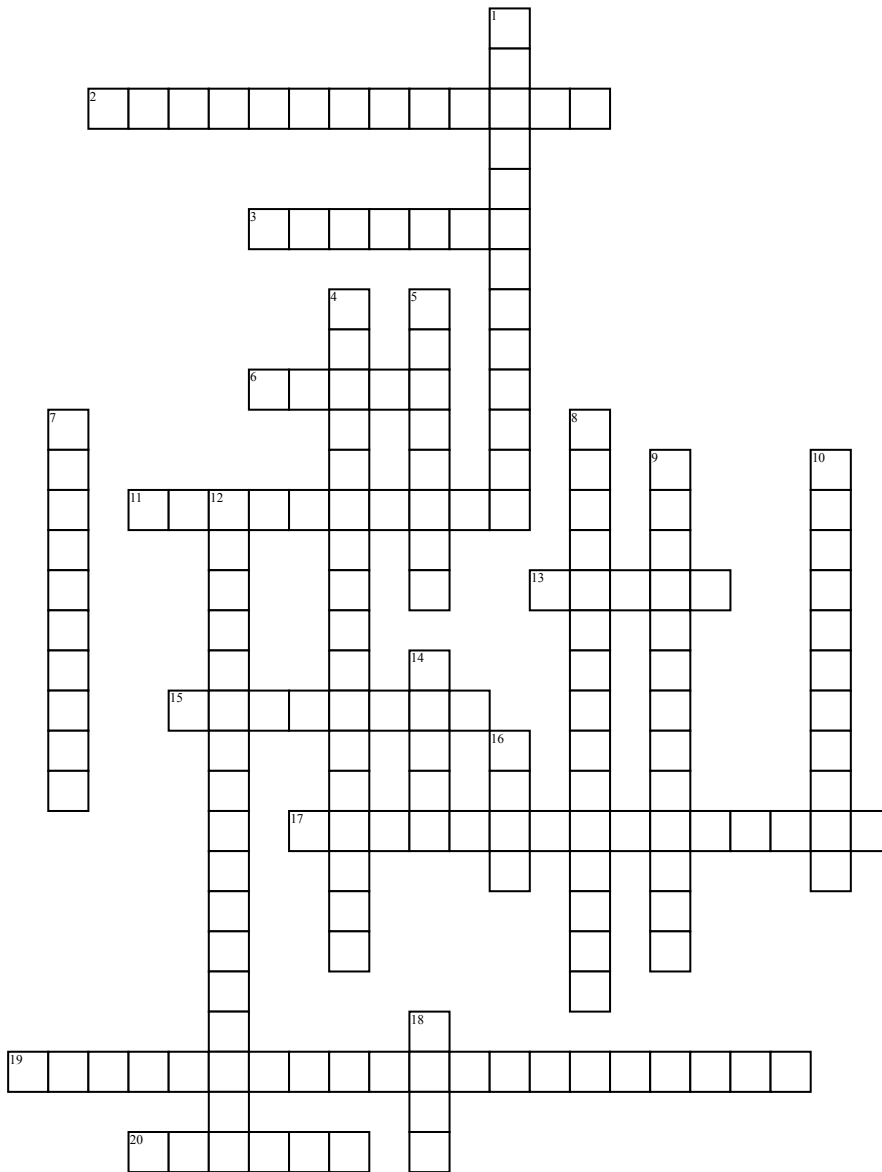


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Work, Energy, and Power



## Across

2. form of energy involved in weighing fruit on a spring energy  
 3. a stretched rubber band or a stretched or compressed spring are examples of which potential energy  
 6. a push or pull  
 11. the sum of an object's potential and kinetic energy  
 13. work done in a certain amount of time  
 15. the force that opposes motion between two surfaces that are in contact  
 17. stored energy

19. states that energy cannot be created nor destroyed, but only transformed from one form into another

20. the ability to do work

## Down

1. friction converts kinetic energy to  
 4. the net work done on an object is equal to its change in kinetic and potential energy  
 5. energy that is stored in chemical bonds  
 7. a roller coaster track is an example of a

8. friction and air resistance is an example of what type of force

9. energy of a moving object

10. the sum of kinetic energy and all forms of potential energy

12. the gravitation force is called a

14. SI unit of work

16. the unit of power equal to one joule of energy transferred in one second

18. the product of the force exerted on an object and the distance the object moves in the direction of the force