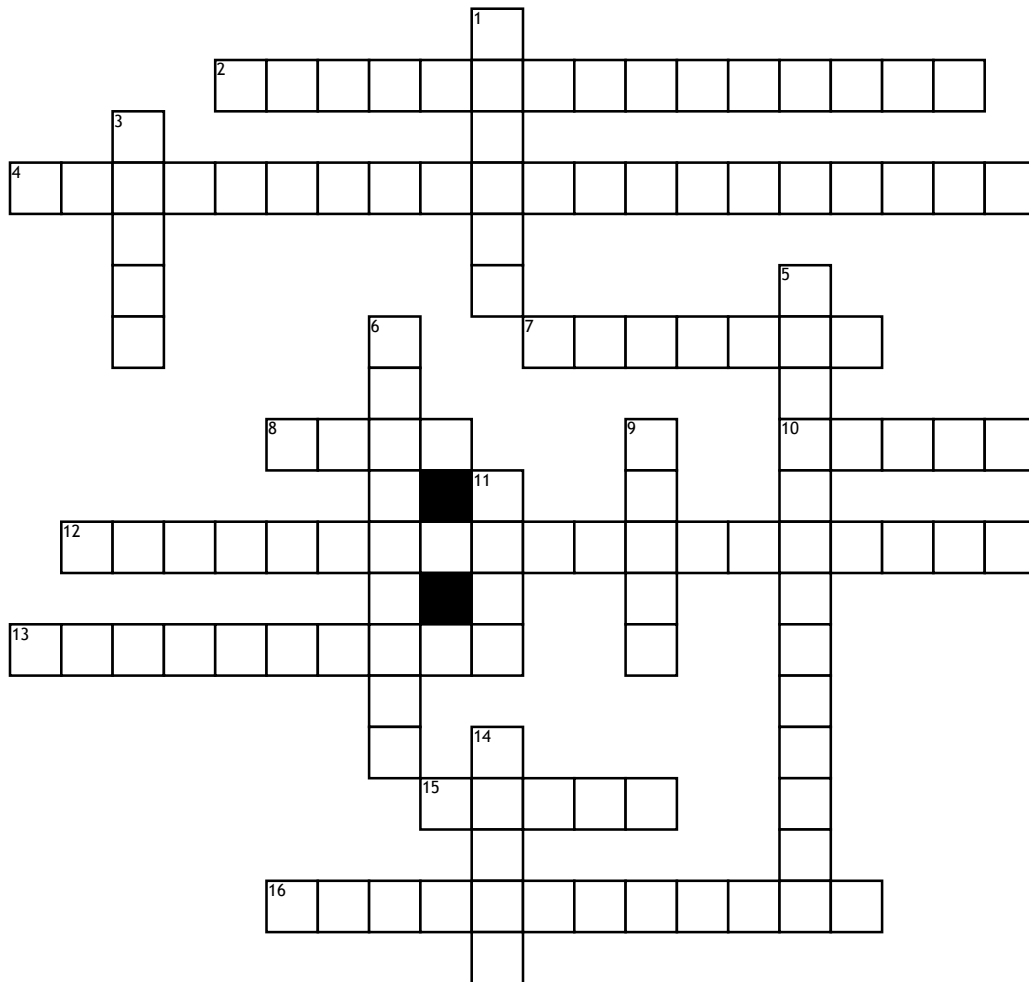


Name: \_\_\_\_\_

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

# MACHINES



## Across

2. a machine made of more than simple machine.  
 4. a quantity that measures the ratio of work output to work input  
 7. a device that helps to do work by over coming of force or changing directions of applied force  
 8. the transfer of energy to an object.  
 10. a simple machine that consist of a bar that pivots at a fixed point called fulcum

12. a number that tells how many times a machine multiples force  
 13. work done by a machine.  
 15. the rate at which work is done on a machine.  
 16. a simple machine consisting of two circular objects of different sizes

## Down

1. a simple machine that consist of a wheel over which a rope, chain or wire passes

3. a simple machine that consist of an incline plain wrapped around a cyclinder  
 5. a simple machine that is a straight slanted surface which helps to raise loads.  
 6. the work done on a machine.  
 9. a simple machine that is made of two incline plains that moves  
 11. unit used to express power.  
 14. the unit used to express energy

## Word Bank

Screw	Compound Machine	Mechanical Advantage	Work Input
Pulley	Mechanical Efficiency	Work Output	Machine
Wheel and Axel	Inclined Plane	Joule	Power
Watt	Work	Wedge	Lever