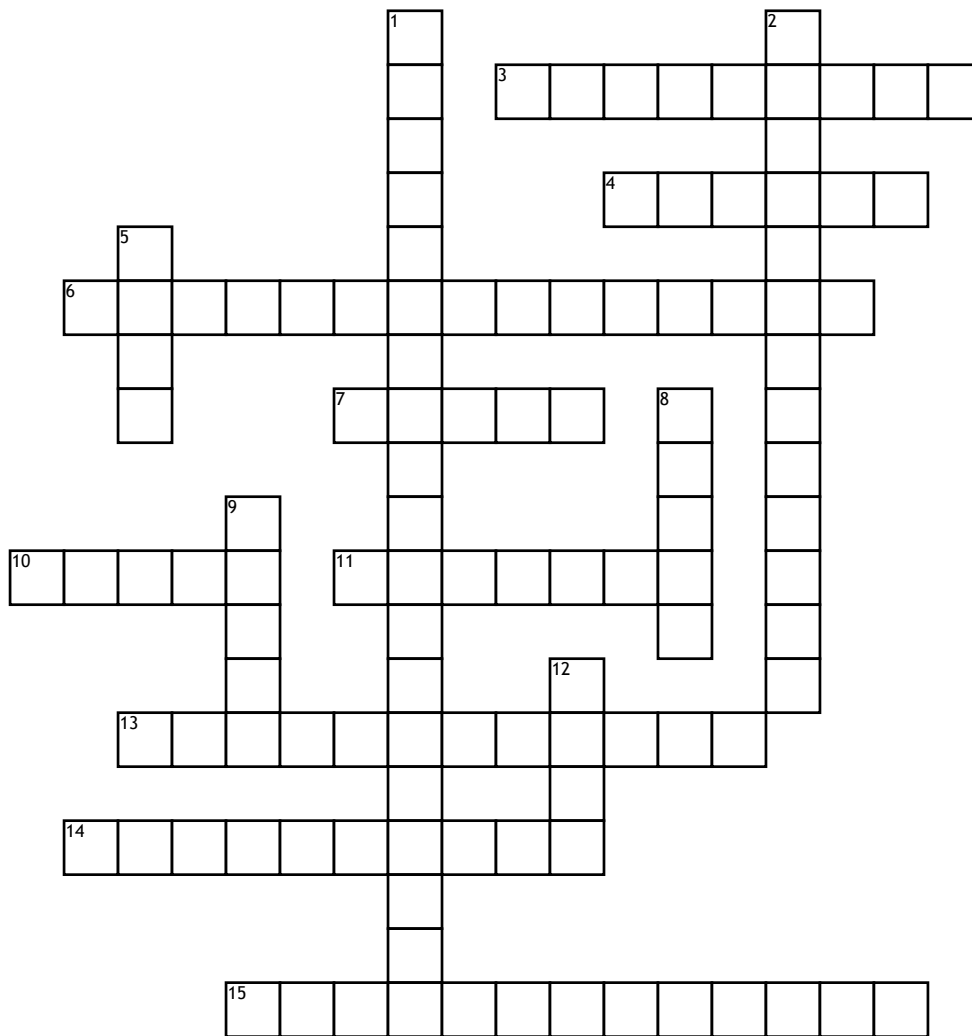


Name: _____ Date: _____ Period: _____

Simple Machines



Across

3. The work you do on a machine.
 4. A simple machine that has a grooved wheel that holds a rope or cable.
 6. A machine made of more than one simple machine.
 7. A simple machine that consists of an inclined plane wrapped around a cylinder.
 10. The unit used to express work. also expressed as newton-meter.

11. A device that makes work easier by changing the size or direction of a force

13. A simple machine consisting of 2 circular objects of different sizes.

14. The work done by a machine.

15. The energy of an object due to its motion.

Down

1. A comparison of a machine's work output with a machines work input

2. A simple machine that is a straight, slanted surface which facilitates the raising of loads.

5. The rate as which energy is transferred.

8. The transfer of energy to an object by using a force that causes the object to move in the direction of a force

9. A simple machine that is made up of 2 inclined planes, and that moves. Often used for cutting.

12. The unit used to express power. Also expressed as J/s.

Word Bank

Power

Compound Machine

Joule

Machine

Pulley

Work input

Mechanical Advantage

Watt

work output

Wheel and Axle

Screw

Kinetic Energy

Wedge

Work

Inclined Plane