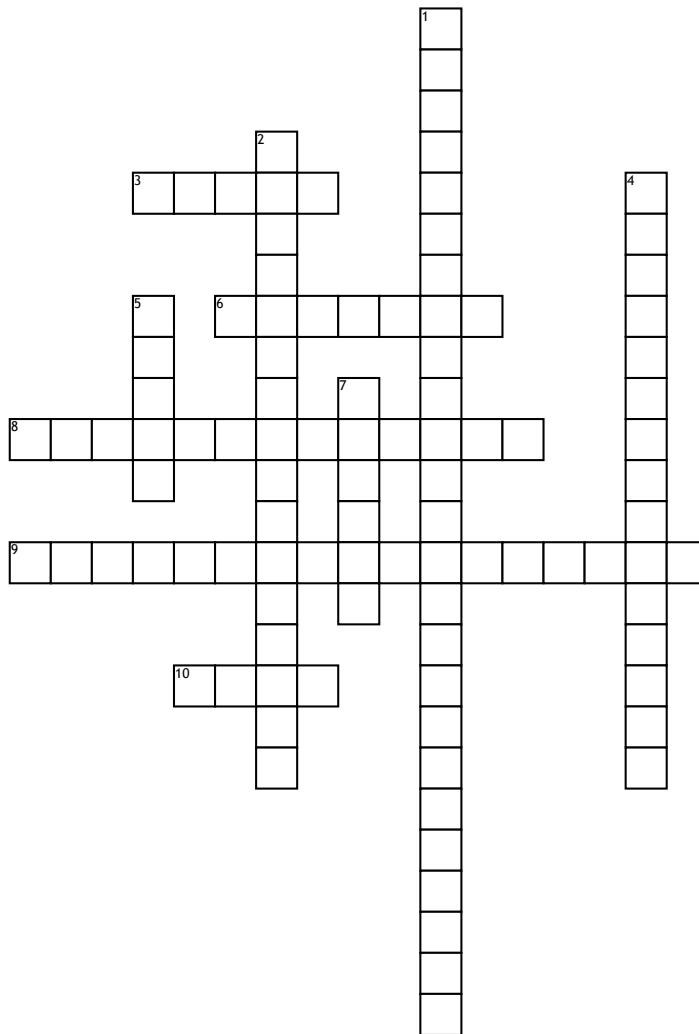


Name: _____

Date: _____

Mad physics



Across

3. The time rate of work
 6. A device, such as a lever or pulley, that increases (or decreases) a force or simply changes the direction of a force.
 8. Energy that something possesses because of its motion, quantified by the relationship
 9. The work done on an object equals the change in the kinetic energy of the object.
 10. the product of the force and the distance moved by the force

Down

1. Energy cannot be created or destroyed; it may be transformed from one form onto another, but the total amount of energy never changes.
 2. Energy due to the position of something or the movement of something.
 4. Energy that something possesses because of its position
 5. A simple machine consisting of a rigid rod pivoted at a fixed point called the fulcrum
 7. the property of a system that enables it to do work

Word Bank

machine

potential energy

power

lever

mechanical energy

energy

work energy theorem

kinetic energy

law of conservation of energy

work