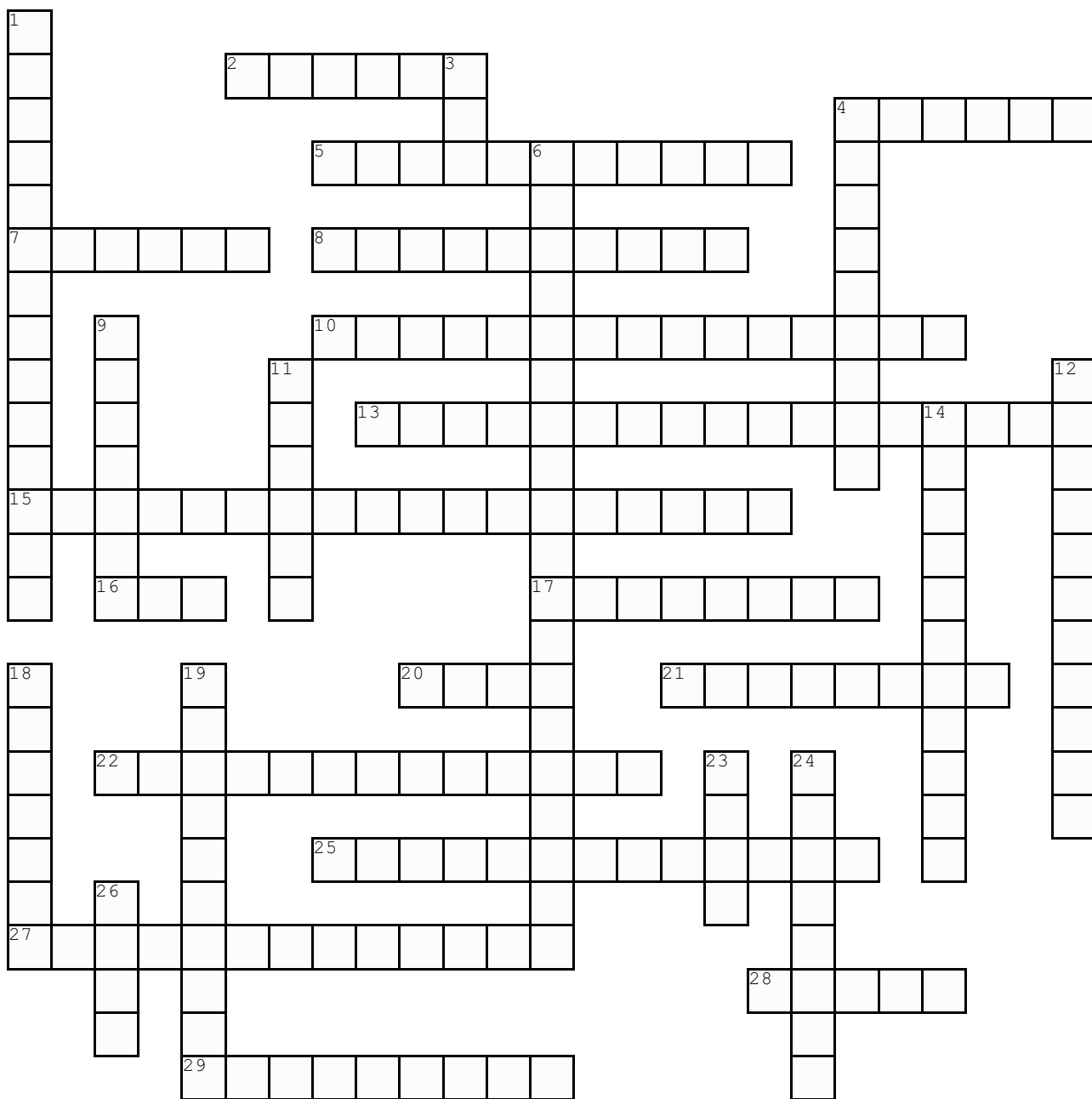


Name: _____

Kinetic and Potential Energy

Complete the crossword below



Created with TheTeachersCorner.net Crossword Puzzle Generator

humans chemicalpotential changesform thermal light positive brighter

potentialenergy storedchemical lightning faster watt transferred electricalpotential

gravitational fuel chemicalbonds kineticenergy exothermic falling dimmer

converted electrical closed heat negative combustionreaction electricity sun lux

Across

2. don't stick your fingers in any sockets because _____ can conduct electricity
4. electricity flows through _____ circuits
5. the Law of Conservation of Energy states that energy is neither created nor destroyed, it simply _____
7. a _____ light means fewer electrons are flowing through a light bulb
8. a reaction that gives off heat
10. the energy stored in an object or substance
13. the energy stored in the chemical bonds of chemical compounds
15. very common way of converting stored chemical energy into kinetic energy
16. measure of light or illumination
17. electrons move towards the _____ end of a battery
20. thermal energy is the energy of _____
21. a _____ light means more electricity is flowing through a light bulb
22. vinegar and baking soda are composed of atoms that are held together by _____, which store chemical potential energy
25. the energy of motion
27. the potential energy that exists between two objects that exert a gravitational pull on each other
28. this type of kinetic energy is the movement of photons
29. _____ is a form of electrical energy and it is converted into light, heat, and sound energy

Down

1. plants convert sun's energy into _____ energy, which is passed down the food chain
3. Earth's energy comes from the _____
4. in investigation #2, light energy was _____ into thermal energy
6. the energy that exists when comparing a region of high electrical charge to one of low electrical charge
9. this type of kinetic energy is the movement of molecules
11. when molecules move _____, they have greater kinetic energy
12. we can use solar power, wind power, dams, and fossil fuels to produce _____
14. in investigation #1, the ball _____ kinetic energy to the bear when it hit the bear
18. gravitational potential energy is associated with _____ objects
19. this type of kinetic energy is the movement of electrons
23. in a combustion reaction, _____ + O₂ --> H₂O + CO₂
24. electrons are _____
26. measure of electrical energy