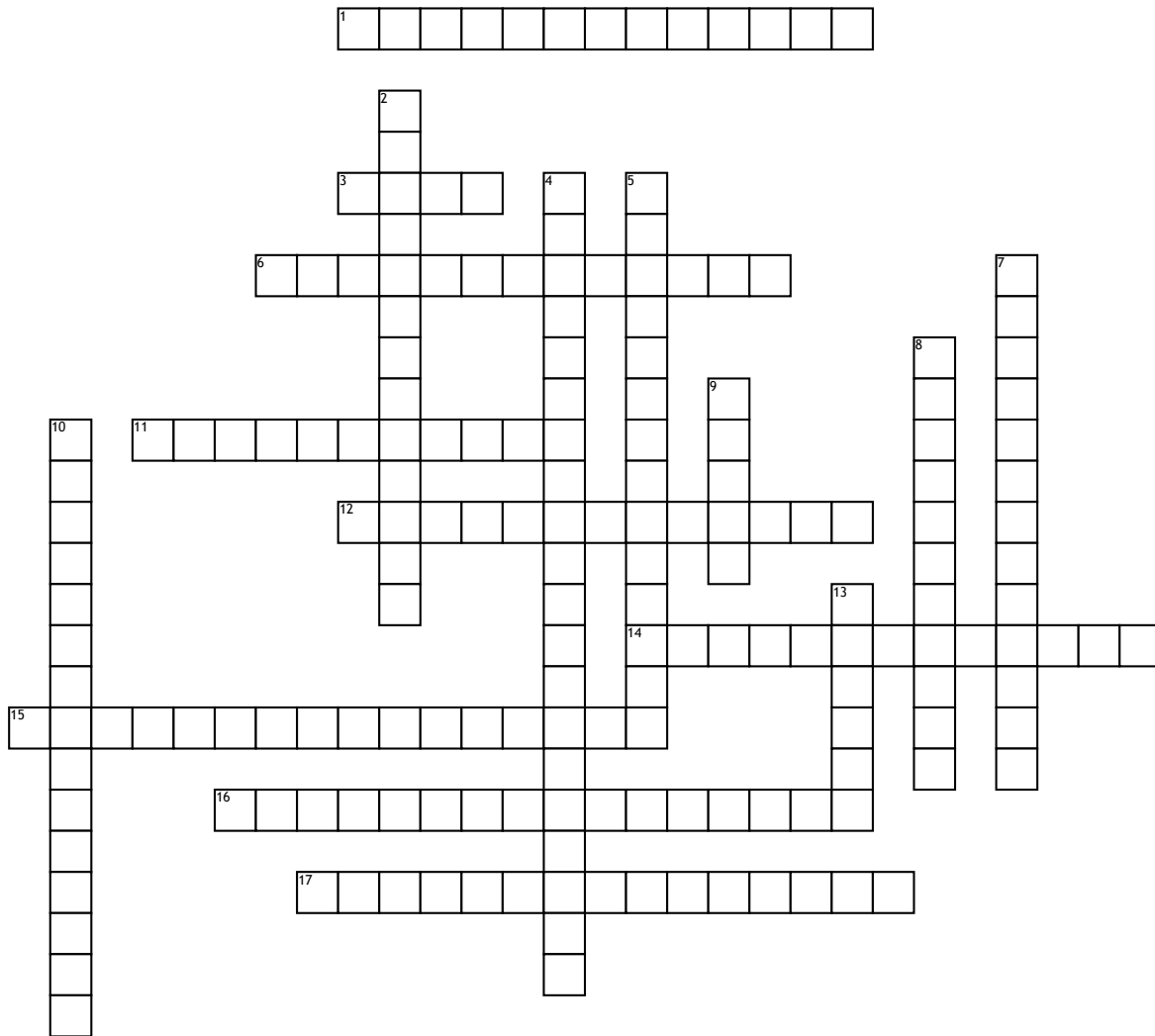


Work, Energy Transfer, and Circuits



Across

- 1. A closed circuit in which current flows one path
- 3. Using a force to move an object a distance (when both the force and the motion of the object are in the same direction)
- 6. Released energy
- 11. An incomplete electrical circuit in which no current flows
- 12. Energy released to produce energy or heat

- 14. A type of kinetic energy that people can see
 - 15. Energy that is the flow of electrical charge
 - 16. The sum of kinetic and potential energy in an object that is used to do work
 - 17. Stored energy
- Down**
- 2. A complete electrical circuit around which current flows
 - 4. The process of changing one form of energy to another form of energy

- 5. Energy involved in the bond between two atoms
- 7. Energy that comes from heat
- 8. Energy associated with the vibrations of matter
- 9. The rate at which work is done
- 10. A closed circuit in which current flows into two or more parts
- 13. The ability to do work