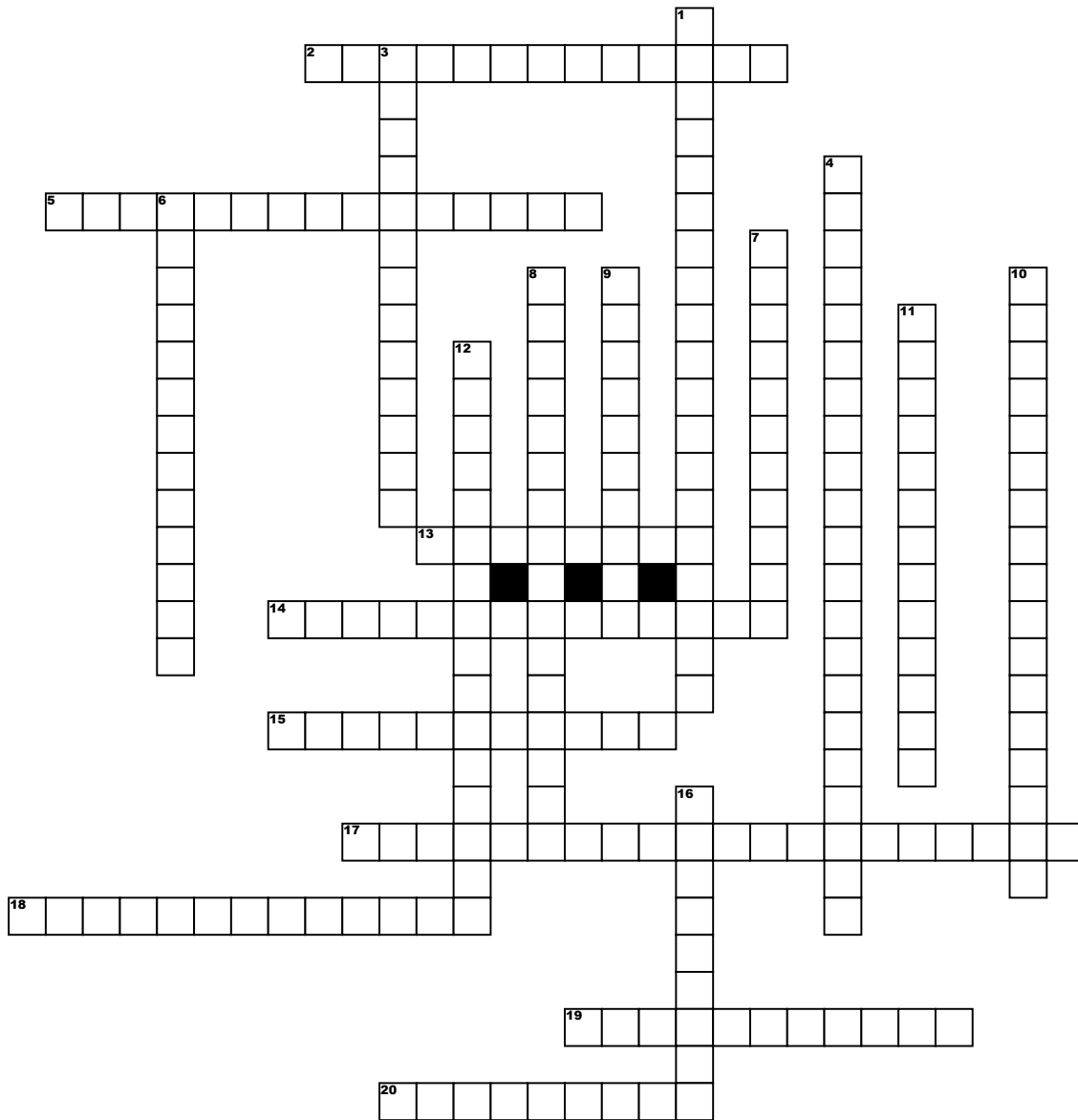


Energy Transformation



Across

- 2. The energy that an object has due to its motion
- 5. The energy that is stored and held in readiness
- 13. A force that resists the sliding of two objects past one another
- 14. The potential energy stored in chemical bonds
- 15. A form of energy that associated with the vibrations
- 17. When one form of energy changes to another form of energy
- 18. The energy of electromagnetic waves
- 19. Energy that cannot be used. Usually thermal energy created due to friction

- 20. A material which permits a flow of energy

Down

- 1. The movement of an object or mass that is caused by the pull of gravity
- 3. The potential energy stored in the nucleus of an atom
- 4. A form of energy that can be reflected or emitted from objects through electrical or magnetic waves traveling through space
- 6. The potential mechanical energy stored in the configuration of a material or physical system as work is performed to distort its volume or shape
- 7. A form energy that is associated with of matter visible light
- 8. Kinetic or Potential energy associated with motion or position of an object
- 9. The transfer of thermal energy by the movement of particles in a liquid or gas
- 10. Energy that can't be destroyed nor created
- 11. The total energy of the particles in an object
- 12. The energy of moving electric charges
- 16. A substance that does not readily allow the passage of heat or sound