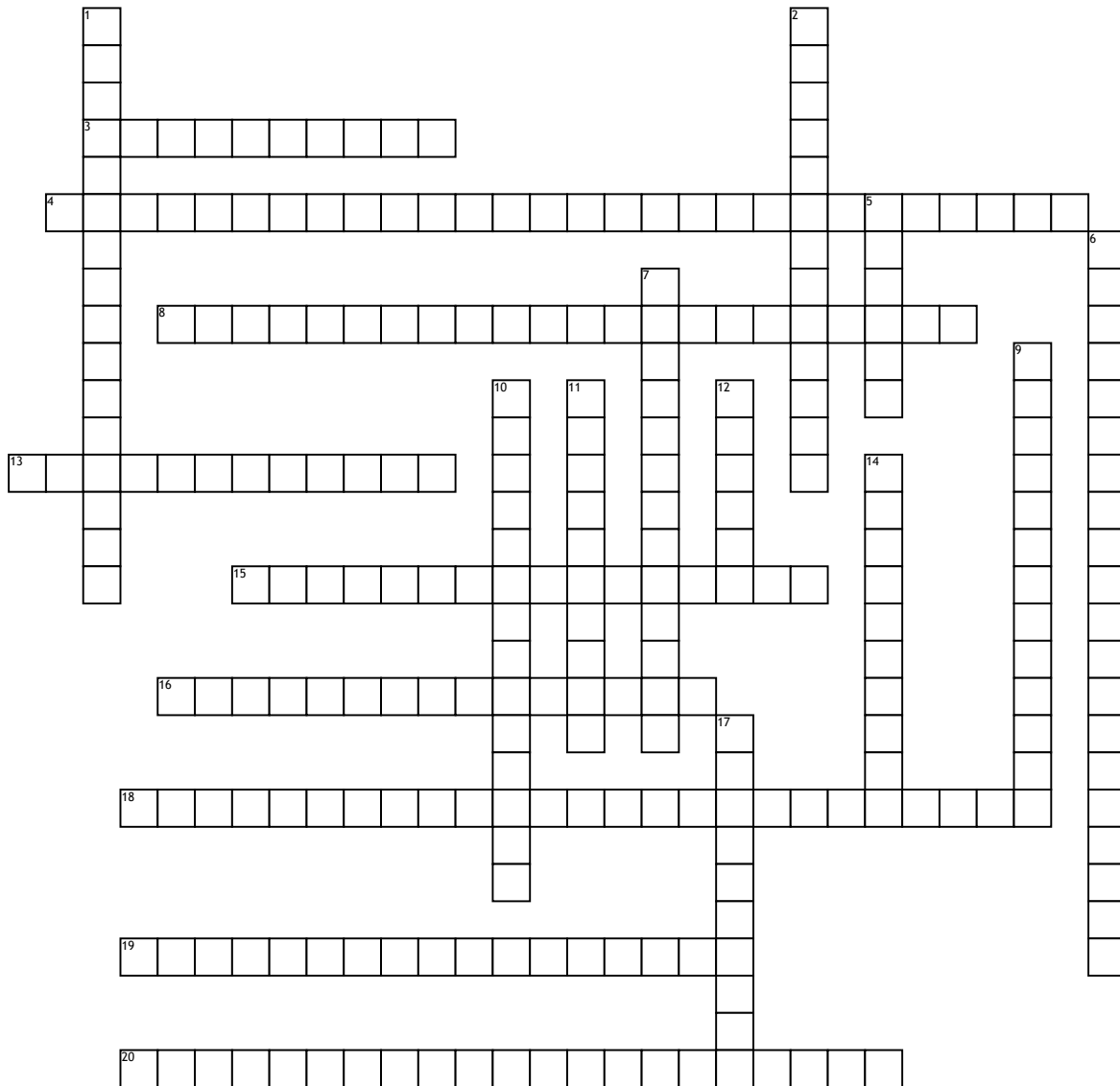


# Energy Vocabulary Crossword Puzzle



**Across**

- 3. rapid chemical combination of a substance with oxygen, involving the production of heat and light
- 4. energy an object possesses because of its position in a gravitational field
- 8. Potential energy stored as a result of deformation of an elastic object
- 13. amount of heat per unit mass required to raise the temperature
- 15. the sum of kinetic and potential energy in an object that is used to do work
- 16. the energy possessed by a body by virtue of its position relative to others, stresses within itself
- 18. total energy of an isolated system remains constant

19. a current in a fluid that results from convection

20. a form of energy that is reflected or emitted from objects in the form of electrical and magnetic waves that can travel through space

**Down**

- 1. used to move charged particles through a wire from a power plant
- 2. the energy released during nuclear fission or fusion, especially when used to generate electricity
- 5. power derived from the utilization of physical or chemical resources, especially to provide light and heat
- 6. change of energy from one form to another
- 7. energy that a body possesses by virtue of being in motion

9. energy possessed within the object or system due to movement of the particles

10. energy stored in the bonds of chemical compounds (atoms and molecules)

11. a natural fuel such as coal or gas, formed in the geological past from the remains of living organisms

12. occupies space and possesses rest mass

14. process by which heat or electricity is directly transmitted through a substance

17. movement caused within a fluid by the tendency of hotter