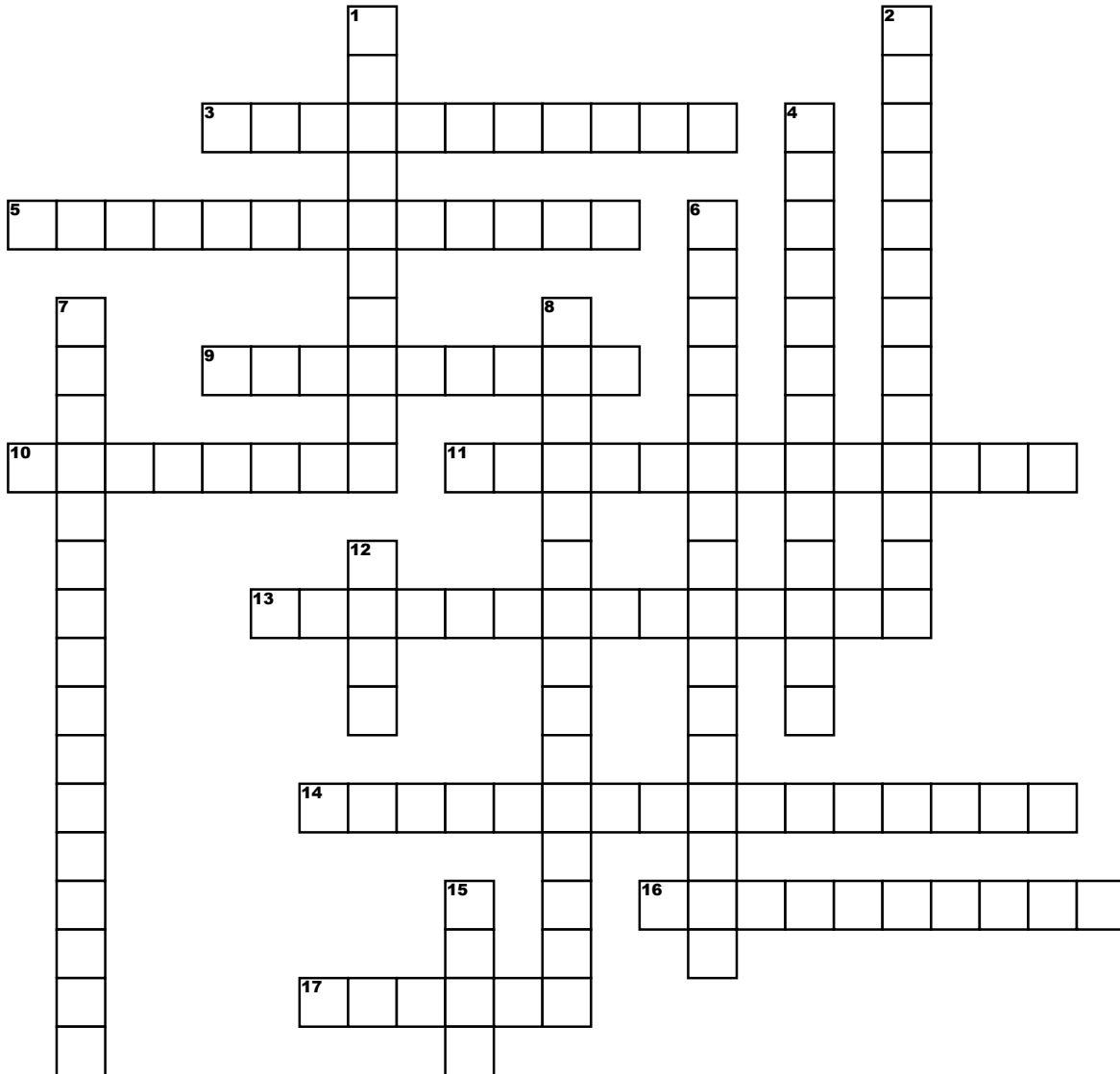


SCIENCE CROSSWORD



Across

3. is a mechanical wave and as such consists physically in oscillatory elastic compression and in oscillatory displacement of a fluid.

5. he energy released during nuclear fission or fusion, especially when used to generate electricity

9. the emission of energy as electromagnetic waves or as moving subatomic particles, especially high-energy particles that cause ionization. the energy transmitted by radiation, as heat, light, electricity, etc. plural noun: radiations.

10. the resistance that one surface or object encounters when moving over another.

11. is the internal energy of an object due to the kinetic energy of its atoms and/or molecules.

13. as an electric charge that lets work be accomplished. An example of electrical energy is power from a plug outlet.

14. It is the sum of the kinetic and potential energy of an object.

16. he process by which sound waves travel through a medium.

17. capacity to do work

Down

1. the movement caused within a fluid by the tendency of hotter and therefore less dense material to rise, and colder, denser material to sink under the influence of gravity, which consequently results in transfer of heat.

2. that travels by waves or particles, particularly electromagnetic radiation such as heat or x-rays.

4. the energy of a body or a system with respect to the motion of the body or of the particles in the system.

6. s the reduction of heat transfer (the transfer of thermal energy between objects of differing temperature

7. s the property of a material to conduct heat. It is evaluated primarily in terms of Fourier's Law for heat conduction.

8. the energy possessed by a body by virtue of its position relative to others, stresses within itself, electric charge, and other factors.

12. to mean something that feels warm, but science defines heat as the flow of energy from a warm object to a cooler object.

15. using a force to move an object a distance (when both the force and the motion of the object are in the same direction)