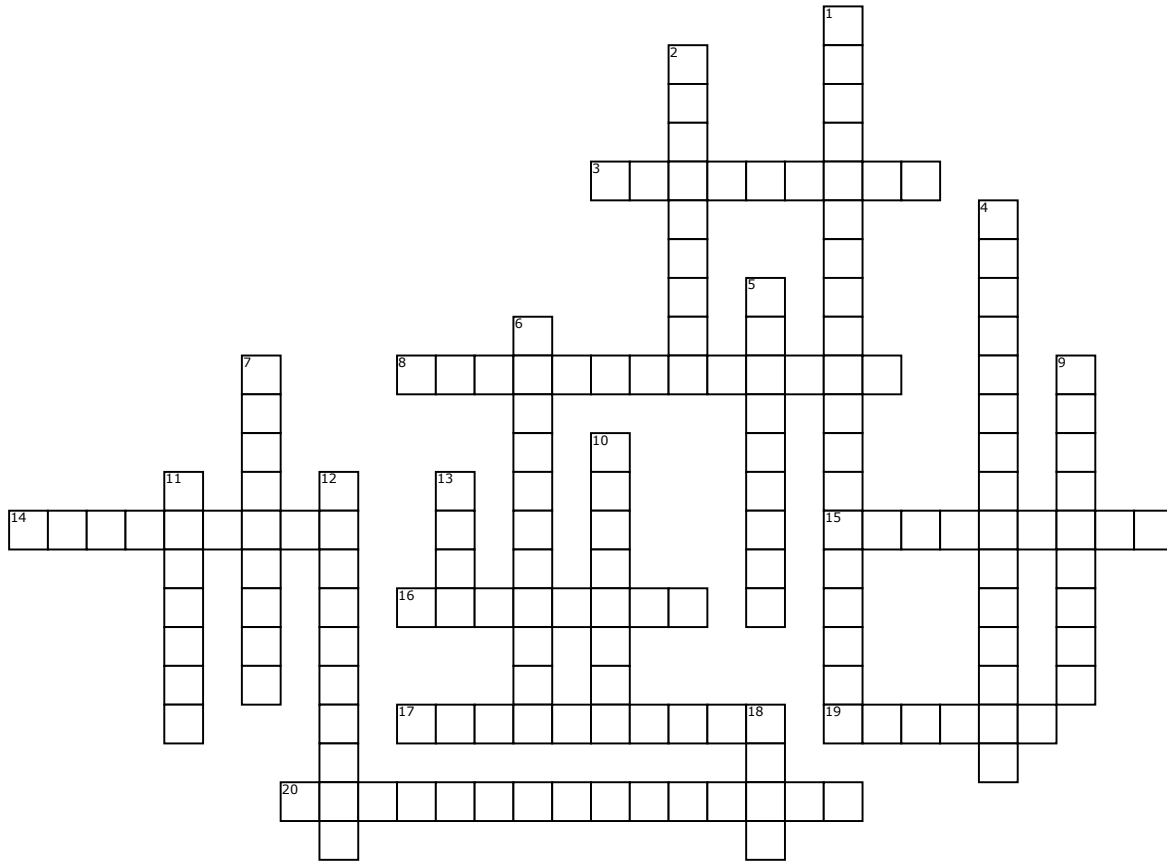


Chapter 3 - Heat Energy



Across

- 3.** A material or device that conducts or transmits heat, electricity, or sound.
- 8.** Energy that a body possesses by virtue of being in motion.
- 14.** An instance of vibrating.
- 15.** A substance that does not readily allow the passage of heat or sound.
- 16.** The movement of heat (energy) from the interior of Earth to the surface.
- 17.** The distance between successive crests of a wave.

19. The strength and vitality required for sustained physical or mental activity.

20. A sound wave propagated by the elastic compression of the medium.

Down

- 1.** A wave produced by the acceleration of an electric charge.
- 2.** A wave of compression and rarefaction.
- 4.** The energy of a body or a system.
- 5.** The rate at which something occurs or is repeated over a particular period of time.

6. The degree or intensity of heat.

7. The maximum extent of a vibration or oscillation.

9. The movement of light.

10. Protect (something) by interposing material that prevents the loss of heat or the intrusion of sound.

11. The energy needed to raise the temperature of 1 gram of water through 1 °C

12. The action of insulating something or someone.

13. A single curve in the course of a wave.

18. The quality of being hot.