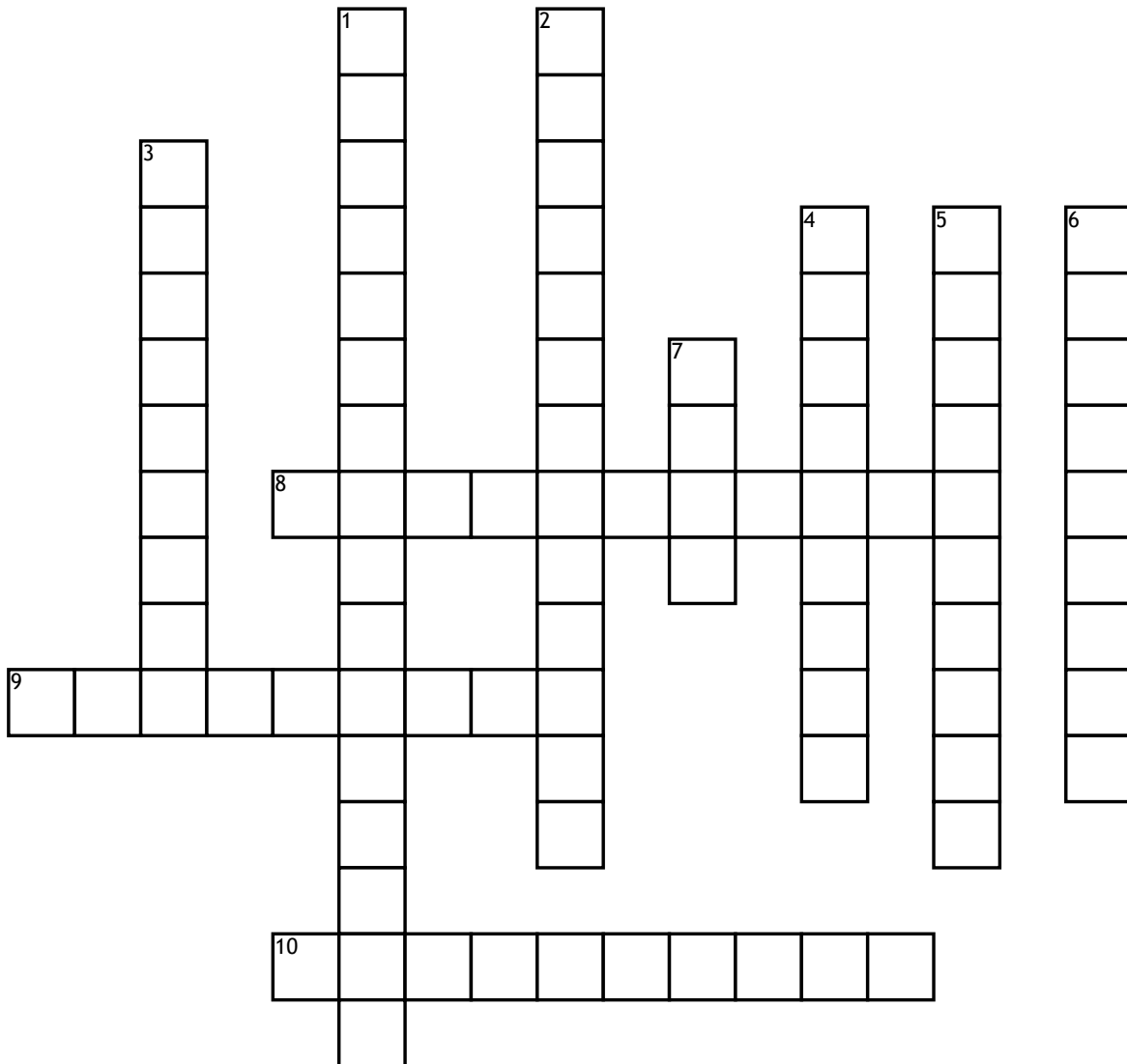


Chapter 8: Thermal Energy and Heat



Across

- 8. Thermal energy depends on the _____ of an object.
- 9. Material that prevents or slows heat transfer from one object to another.
- 10. The transfer of energy through particles of matter, or things that touch.

Down

- 1. When matter expands as it is heated.
- 2. The total energy of all the particles in an object.

- 3. Thermal energy depends on the number of _____ in an object.
- 4. Material that allows heat to transfer from one object to another.
- 5. Heat transfer that occurs in fluids like air, water, and magma.
- 6. The transfer of energy by electromagnetic waves that travel in a straight line.
- 7. The transfer of thermal energy from a warmer object to a cooler object.