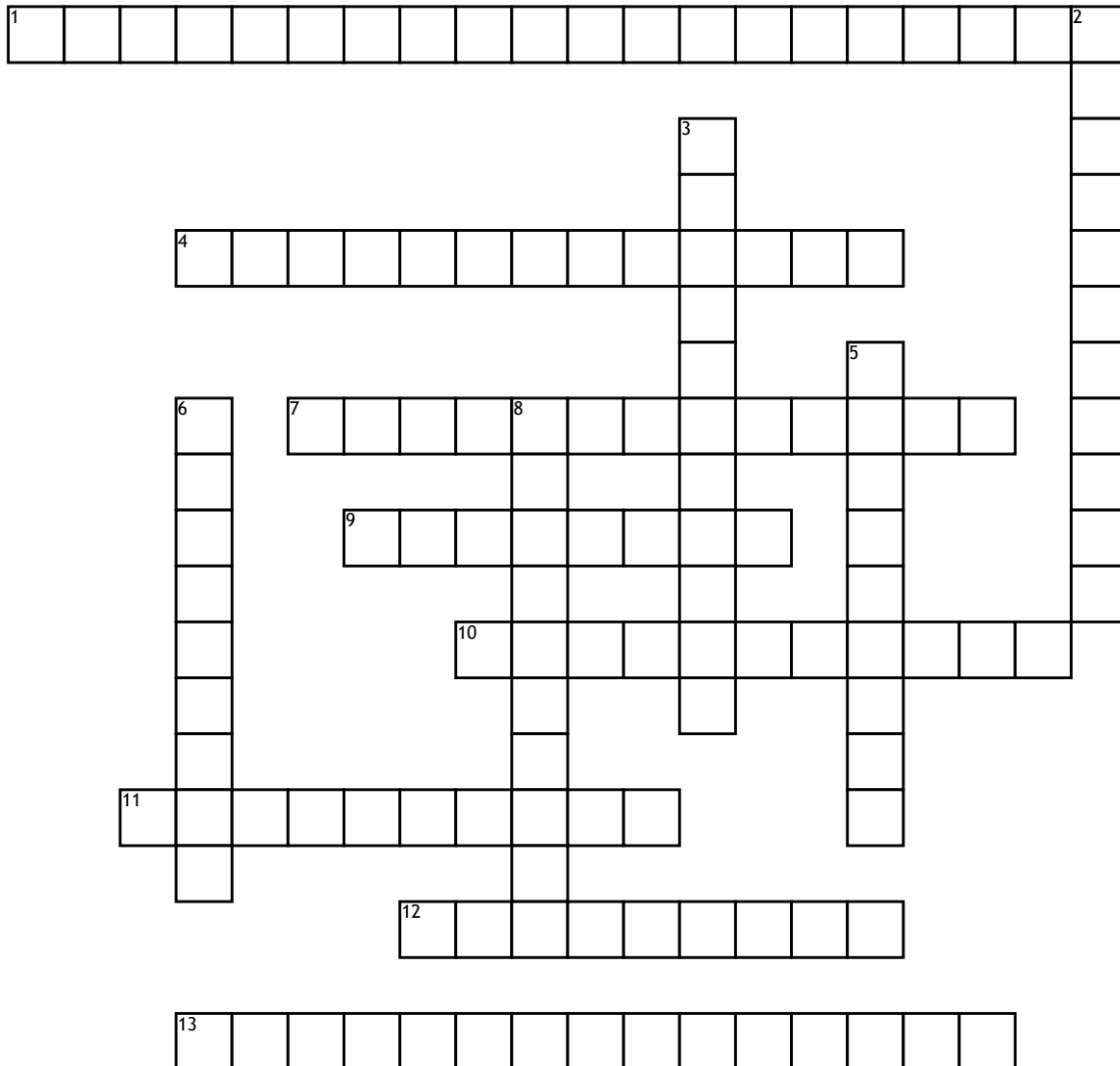


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Crossword Puzzle



## Across

1. A form of energy that can travel through space
4. Heat energy; when temperatures increase, molecules vibrate, and rise; the total energy of motion in the particles of a substance
7. How thermal energy is transferred in conduction
9. To move something- heat moves to a place where the temperature is cooler
10. The measurement of the amount of energy in matter

11. Heat transfer from one particle of matter to another by direct contact
12. A material that transfers energy easily; metals
13. In radiation, thermal energy is transferred through this type of contact

## Down

2. Energy from the sun that is converted into thermal or electrical energy
3. A scientific tool used to measure the temperature, or the amount of heat in matter

5. Heat is transferred through electromagnetic rays; through space
6. A material that does not easily transfer thermal energy or electric currents between its particles
8. Thermal energy is transferred by the movement of matter; this happens in gases and liquids; WARM MATTER RISES AND COOLER MATTER SINKS