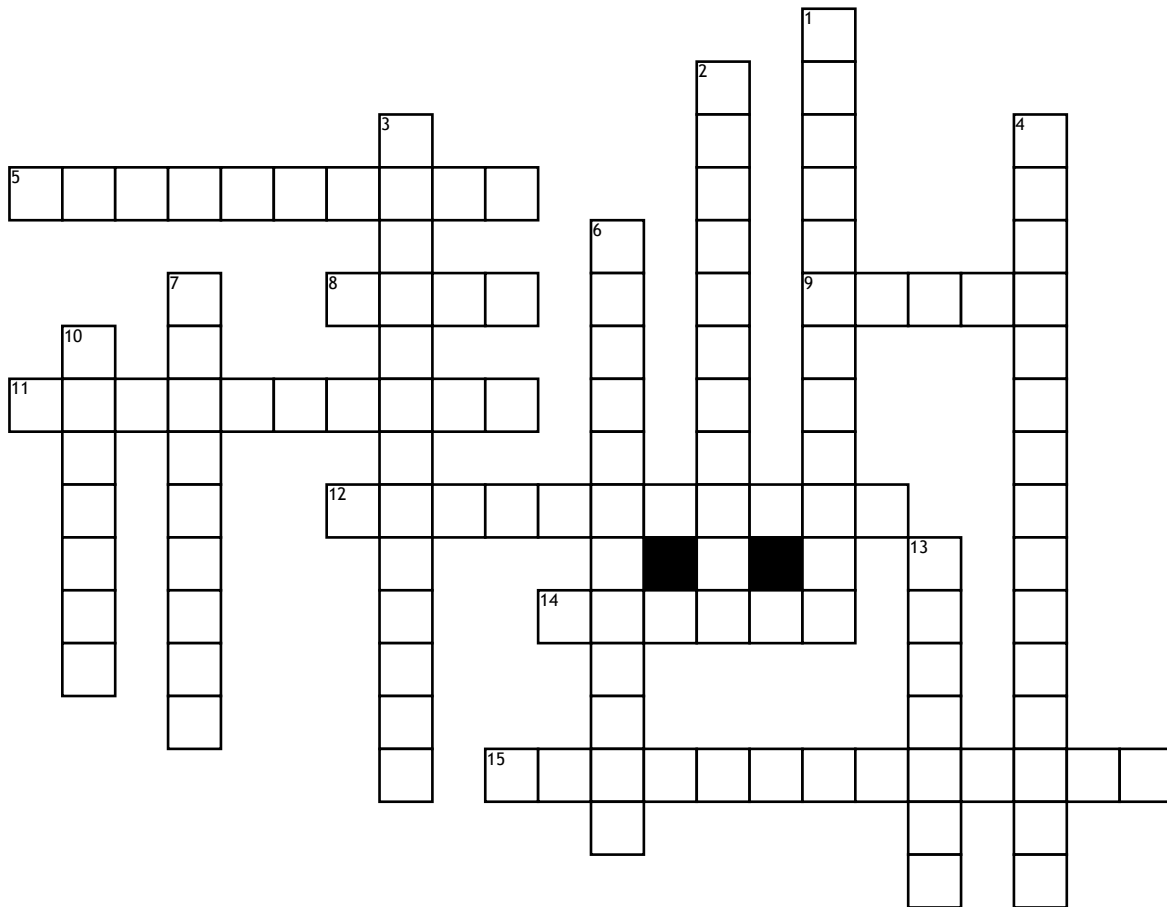


# Thermodynamics Crossword



**Across**

- 5. transfer of energy by the mass movement of a liquid or gas
- 8. the energy transferred between two objects of different temperatures
- 9. warm air rises because it is less \_\_\_\_\_ than cold air
- 11. transfer of energy from molecule to molecule within a substance
- 12. the average kinetic energy or average speed of all the particles in a material

14. what makes matter move or change

15. the total kinetic energy if all the particles in a material (2 words)

**Down**

- 1. synonym for potential energy (2 words)
- 2. measures temperature
- 3. the energy of objects in motion (2 words)
- 4. the energy of objects at rest (2 words)

6. the movement of thermal energy from one thing to another thing of a different temperature (2 words)

7. transfer of energy by waves

10. an example of geothermal energy at work

13. when the temperature goes up, the liquid inside of a thermometer does this