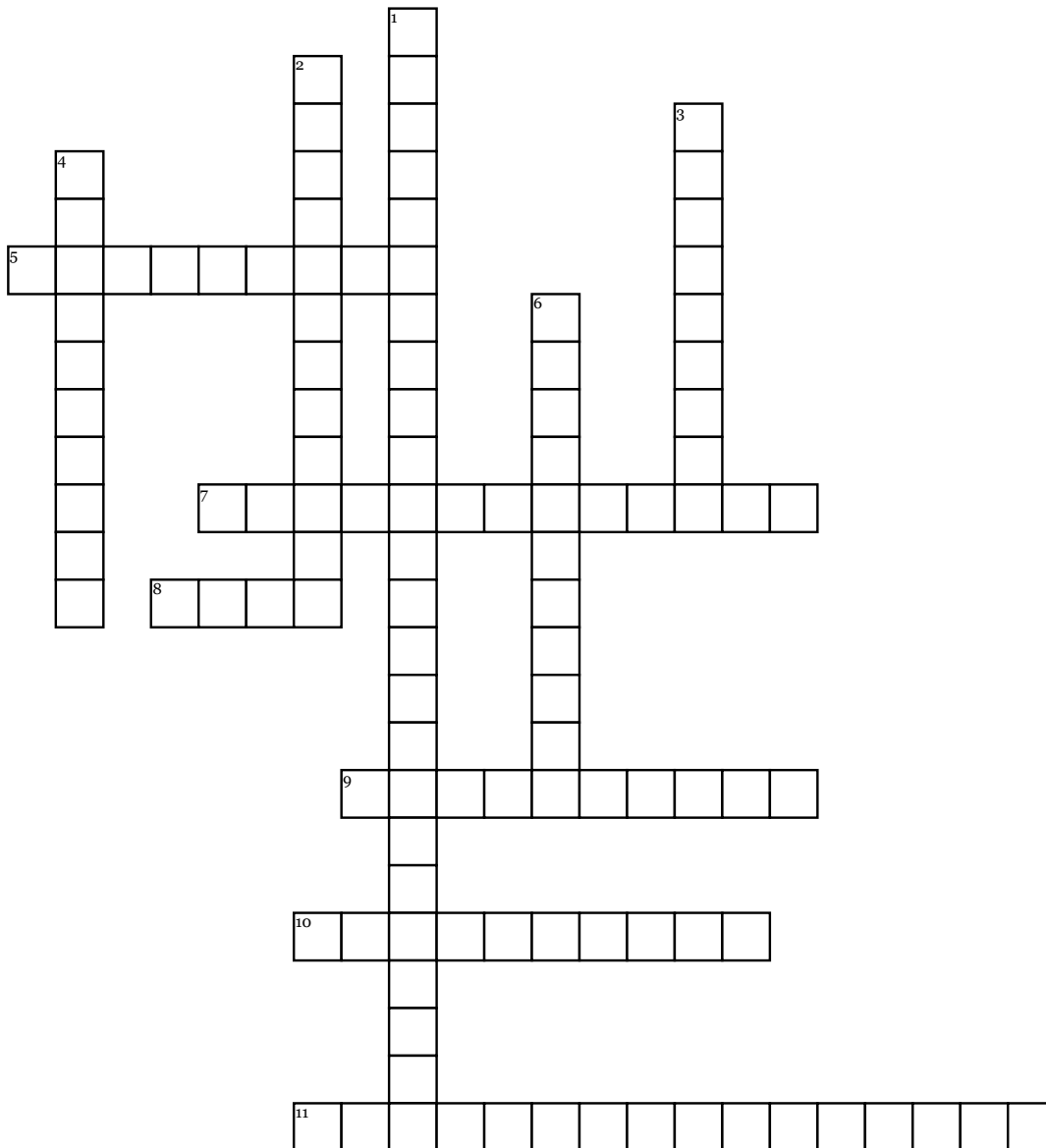


Thermal energy



Across

- 5.** the transfer of electromagnetic waves
- 7.** the sum of kinetic and potential energy of partials
- 8.** thermal energy transferred from a warm object to a cool object
- 9.** the transfer of thermal energy by movement
- 10.** the transfer of of thermal energy by direct contact
- 11.** to increase a temperature of a normal body of water

Down

- 1.** heat engine with fuel burned in an combustion
- 2.** the amount of heat needed to raise the temperature of a 1kg substance
- 3.** material in wich electrons can move easily
- 4.** a device that converts thermal energy to mechanical
- 6.** kinetic energy measured by average valve