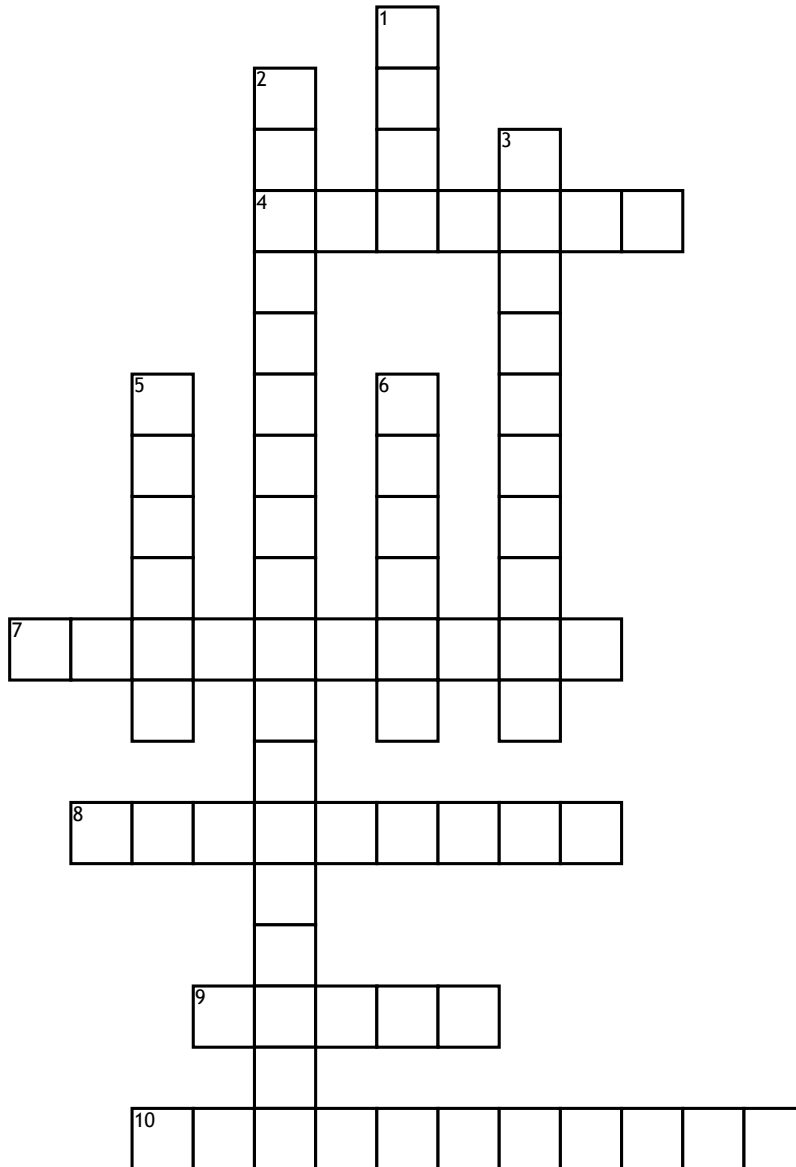


Thermodynamics Review



Across

- 4. A measure of disorder or chaos in the universe
- 7. Heat transfer between two objects that are touching
- 8. Heat transfer when objects are NOT touching
- 9. Which law of thermodynamics states that energy is never created or destroyed?
- 10. Average kinetic energy of molecules in a piece of matter, measured in degrees C or F

Down

- 1. Total amount of energy of molecules in a piece of matter, measured in joules
- 2. When two objects have reached the same temperature
- 3. Heat transfer due to circulation of a fluid
- 5. The _____ law of thermodynamics explains why a cold object in contact with a hot one never spontaneously transfers heat to the hot object.
- 6. The _____ law of thermodynamics deals mainly with thermal equilibrium