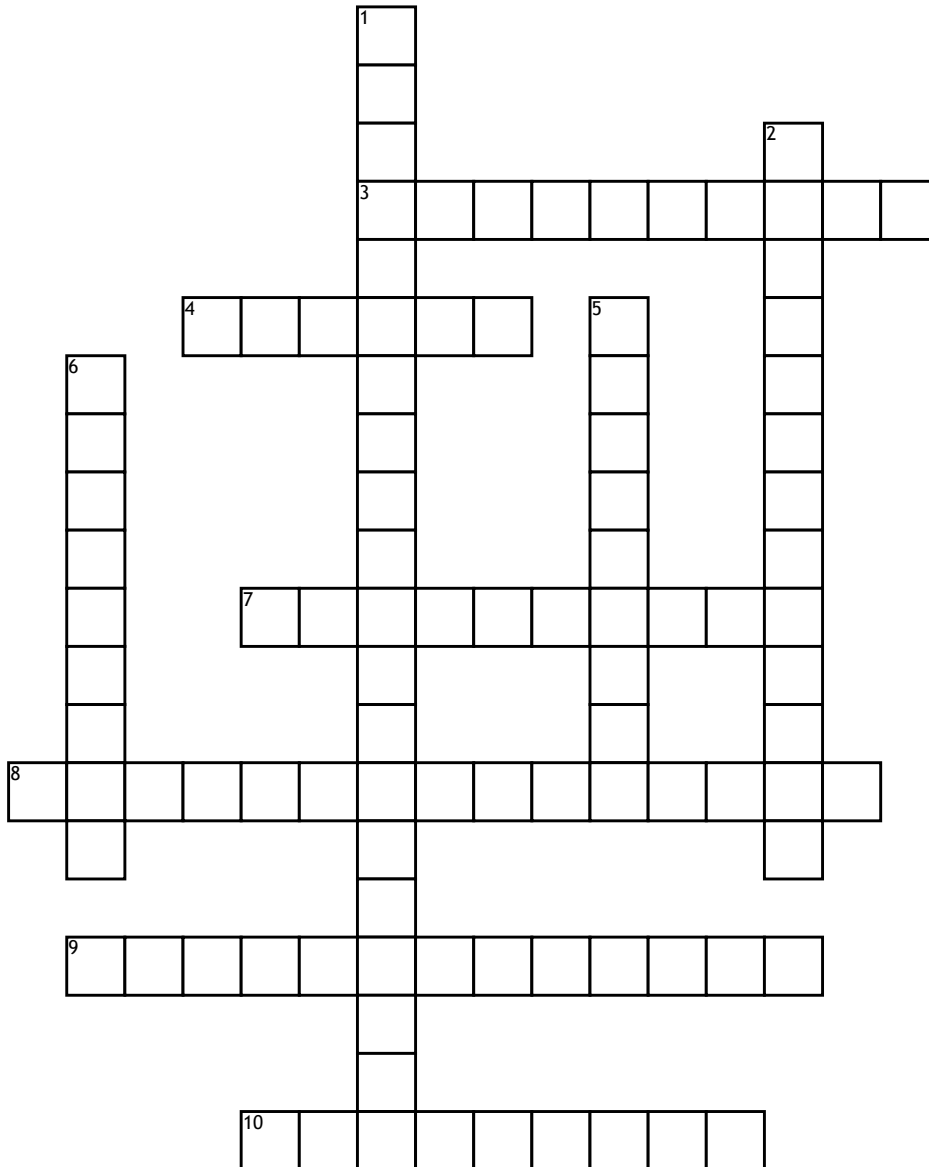


Name: _____

Date: _____

Thermal Energy



Across

- 3. Transfer of thermal energy by the circulation or movement of a liquid or gas
- 4. The ability to work
- 7. Form of heat transfer where heat energy is directly transferred between molecules through molecular collisions or direct contact
- 8. Stored energy that results from the position or shape of an object
- 9. The sum of kinetic and potential energy of all the particles in an object; increase as the object's temperature increases

- 10. A material that does not conduct heat well

Down

- 1. Transverse waves consisting of changing electric fields and changing magnetic fields; wave of the electromagnetic, radiating through space carrying electromagnetic radiant energy. It includes radio, microwaves, infrared, ultraviolet, x rays, and gamma rays.
- 2. Energy an object has due to its motion
- 5. The transfer of energy by electromagnetic wave
- 6. A material that conducts heat well