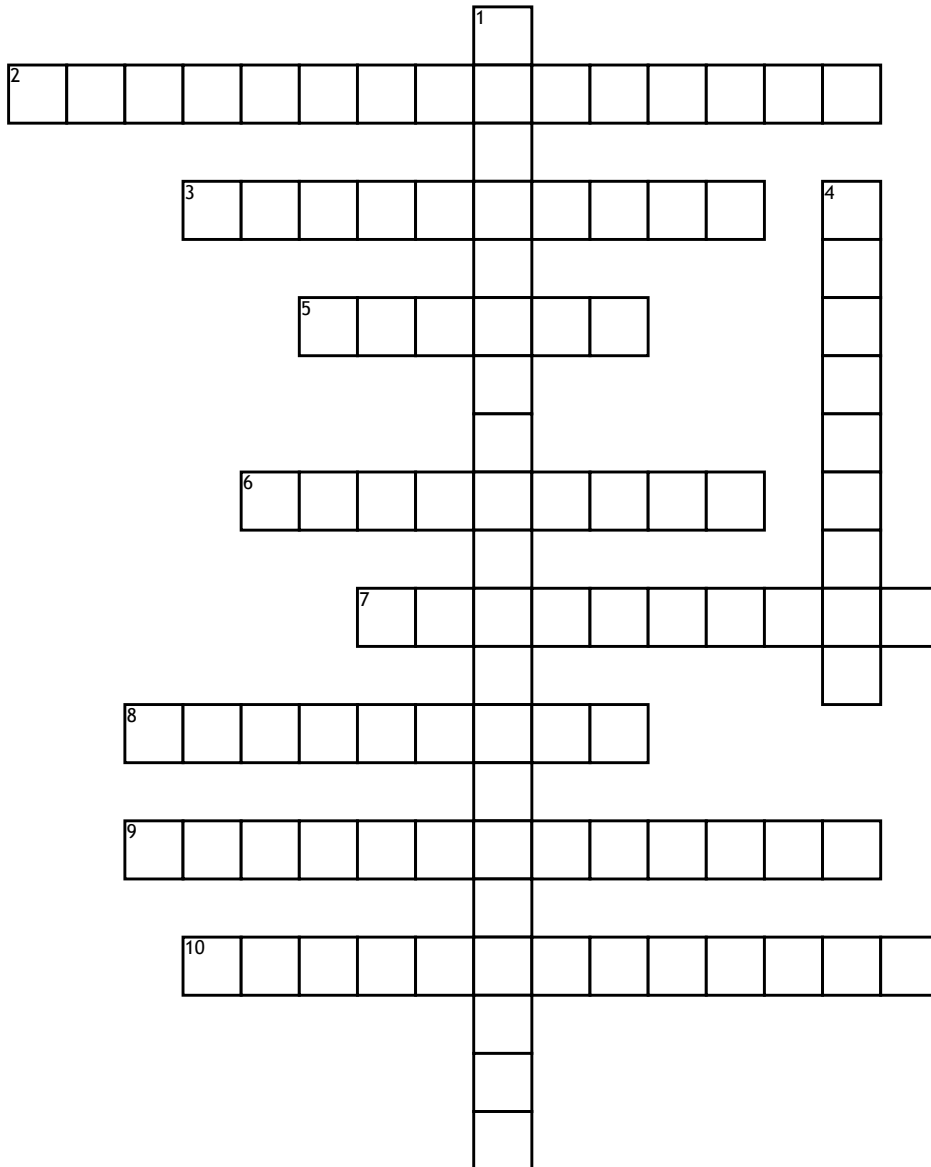


Name: _____

Energy Conversation and Transfer



Across

2. stored energy that results from the position or shape of an object
3. The transfer of thermal energy by the circulation or movement of a liquid or gas
5. the ability to work
6. the transfer of energy by electromagnetic waves
7. Form of heat transfer where heat energy is directly transferred between molecules through molecular collisions or direct contact.
8. a material that conducts heat well

9. the energy an object has due to its motion

10. the sum of the kinetic and potential energy of all particles in an object., increases as the object's temperature increases.

Down

1. transverse waves consisting of changing electric fields; waves of the electromagnetic field, radiating through space, carrying electromagnetic energy
4. A material that does not conduct heat well