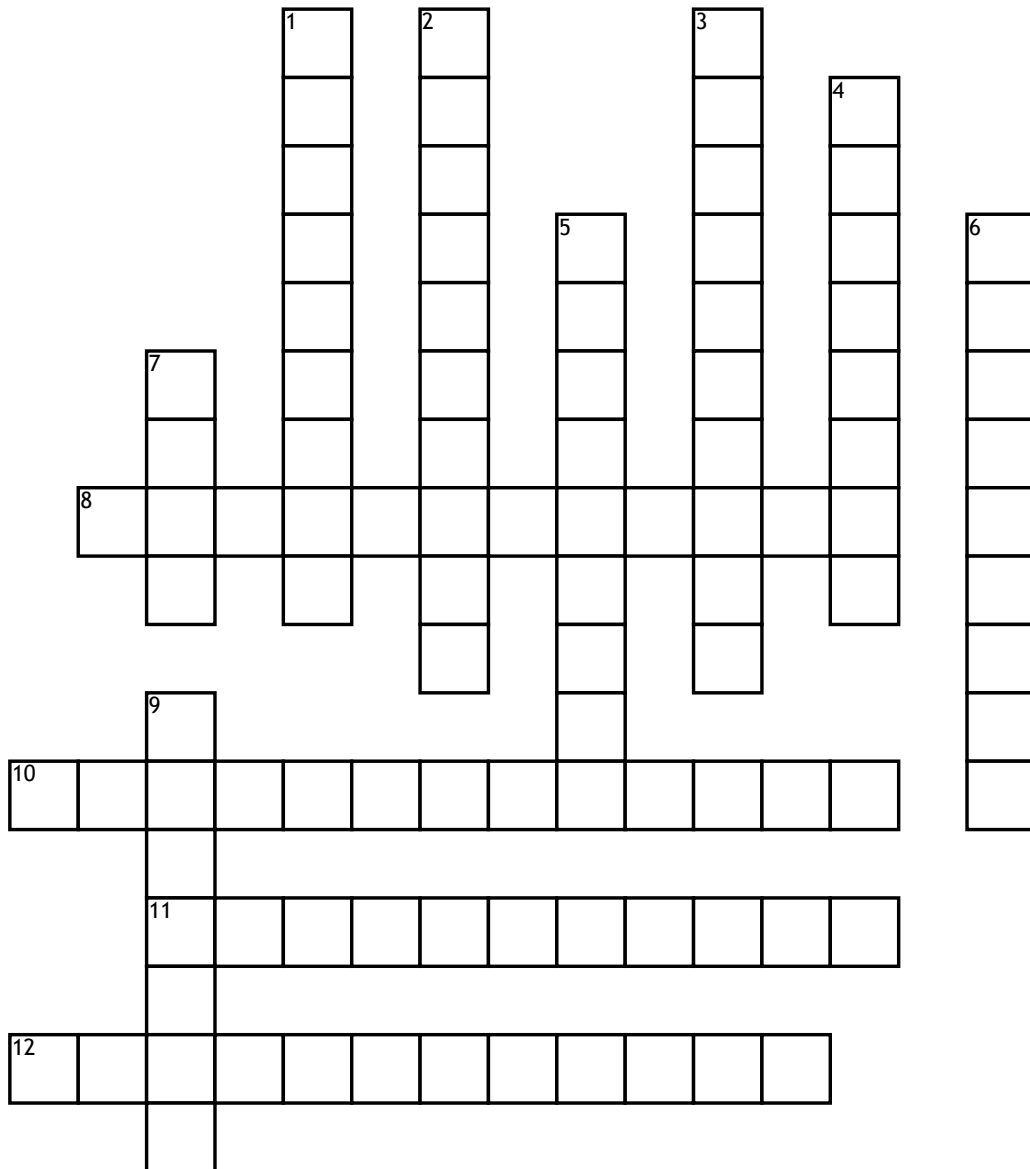


Name: _____

Date: _____

Thermal Energy



Across

8. Process of liquid turning into a gas.

10. The total energy of all the particles in an object.

11. A measure of the average kinetic energy of the particles in matter.

12. A change from gas state to the liquid state.

Down

1. A material that does not conduct heat well.

2. Heat transferred without the movement of the matter.

3. Heat transferred by the movement of currents in a fluid.

4. Temperature at which matter changes from a liquid to a solid

5. The transfer of energy by electromagnetic waves.

6. A material that conducts heat well.

7. Thermal energy that is transferred.

9. The change of state from solid to liquid.