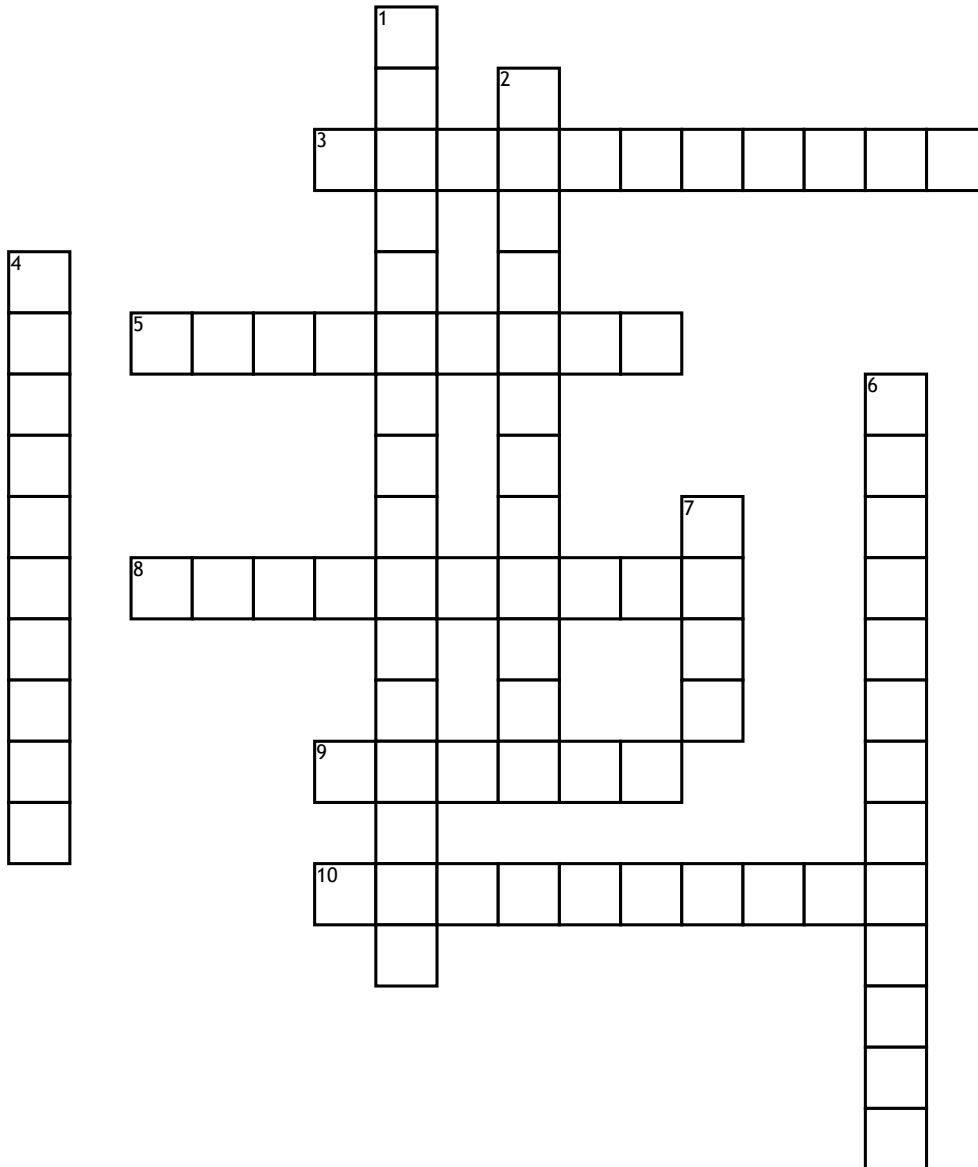


Name: _____

Date: _____

Thermal Energy



Across

3. Measure of the average kinetic energy of the particles that make up that object

5. The sun and microwaves give off this type of energy

8. Most of the radiation given off by the sun is reflected by the _____.

9. When heat is applied particles begin to move _____.

10. Most substances expand as their temperatures increase do to this.

Down

1. Wood, fiberglass, and air are good examples of this.

2. The amount of heat needed to raise the temperature of 1 kg of that material 1 degree C.

4. An example would be the transfer of heat from a bowl of soup to a spoon

6. The sum of the kinetic and potential energy

7. Energy that is transferred between object due to a temperature difference between those object.