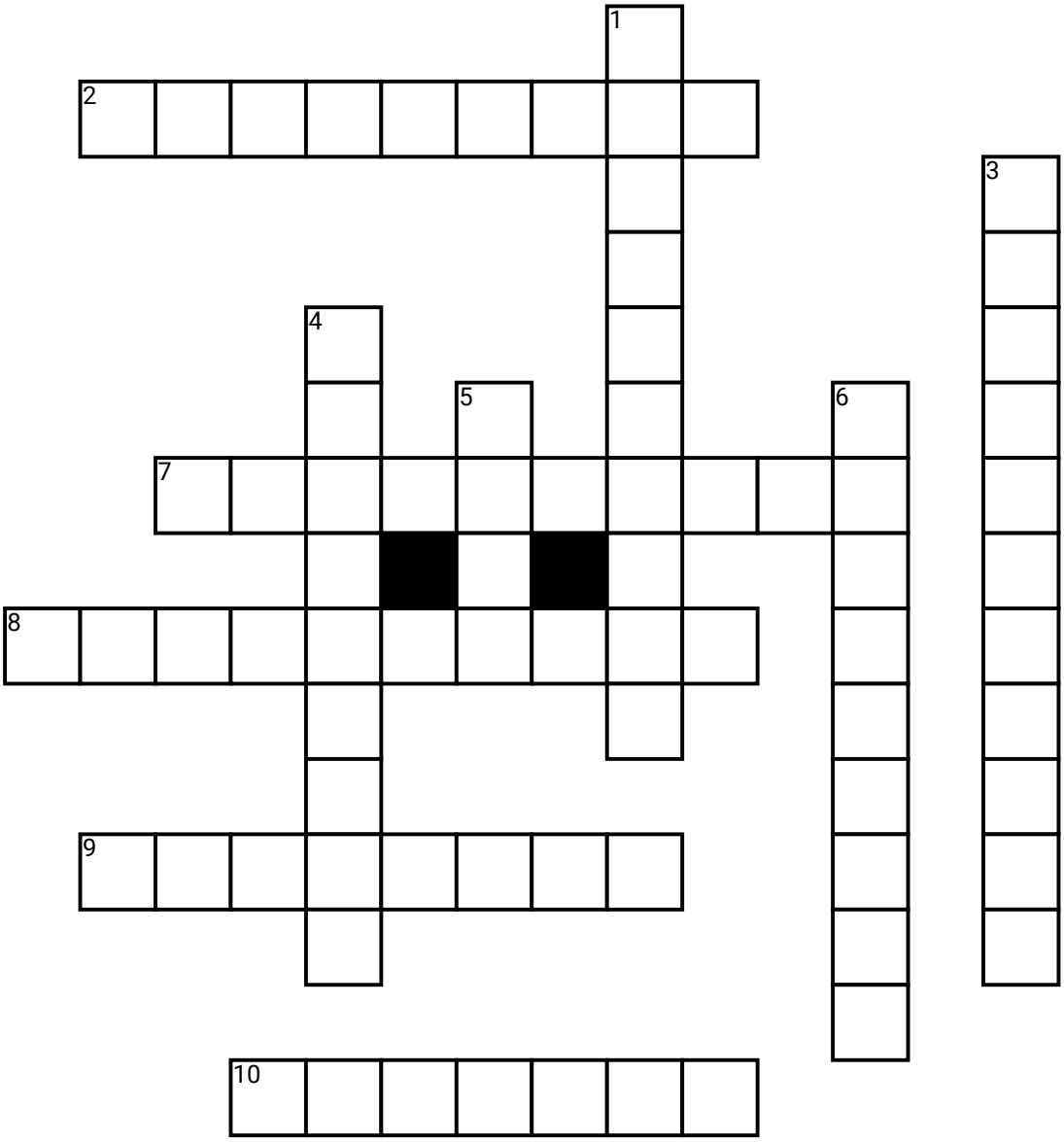
Name: _____ Date: _____

Thermal Energy and Heat



Across

2. the transfer if energy by electromagnetic waves

7. the transfer of energy as heat by the movement of a liquid or gas

8. is the transfer of energy as heat from one substance to another through direct contact

9. is equal to the amount of energy needed to raise the temperature of an object

10. are equal measured in unites between two points

Down

1. is the transfer of energy as heat from one substance to another through direct contact

3. is a measure of the average kinetic energy of all the particles in a substance

4. is a material that transfers heat very well

5. is the energy transferred from an object at a higher temperature to an object at a lower temperature

6. a material that does not allow heat to pass through freely

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