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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

Conduction, Convection, and Radiation

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| **Across**  **3.** They are created by the vibration of an electical charge  **4.** It is transferred by conduction, convection, and radiation  **6.** It is a material made of particles that can easily change their locations  **7.** It is the amount of matter in a unit of volume  **8.** Materials in which thermal energy moves quickly  **9.** It is the transfer of thermal energy by movement of matter from one place to another  **10.** It is the transfer of thermal energy by collisions between particles | **Down**  **1.** It is the movement from one place to another  **2.** The circular motion that results in a fluid heated from below  **5.** It is the transfer of thermal energy by electromagnetic waves. |