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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. |