

Name _____

Date _____

Period _____

Heat Transfer (4:50) Michael Sammartano

Conduction, Convection, and Radiation

https://www.youtube.com/watch?v=V_zsD8vXyik&index=98&list=PL37057D7BFD1608CB

Complete the information below based on the Video

Heat Transfer

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-
-

Conduction

-

Use the space below to give an example of heat transfer by conduction

Convection

-

When heat is applied to a fluid the density will _____.

Use the space below to give an example of heat transfer by convection

Radiation

-

Radiation is the way that energy travels through _____.

Use the space below to give an example of heat transfer by radiation

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Describe how a campfire could be used as an example for heat transfer all 3 methods of transfer.

Conduction
Convection
Radiation

Heat Transfer in Fluids caused by differences in density is _____.

Heat transfer by electromagnetic waves is _____.

Heat transfer caused by molecular collisions is _____.