

Name:

Date:

Class:

Introduction to Heat Transfer Worksheet **Answer Key**

Instructions: Watch the video, Conduction-Convection-Radiation-Heat Transfer, using this link: <https://www.youtube.com/watch?v=HpCvWuvCUoA>. After watching the video define the following words in your own words:

1. Conduction

Heat transfer by direct contact; applies to solids.

2. Convection

Heat transfer by movement of particles carrying the energy/heat; applies to liquids and gasses (i.e., fluids.)

3. Radiation

Heat transfer by electromagnetic waves; no medium is necessary to transfer heat.