

Name: _____

Period: _____

What Kind of Thermal Transfer? 1. Conduction; 2. Convection; 3. Radiation	
___ When water moves in a hot tub?	___ Causes wind.
___ From below a light bulb.	___ From two things touching.
___ From holding onto a hot spoon.	___ From the sun.

Draw an arrow for each of the following pair of objects showing the direction of the thermal transfer.

10°C	30°C	35°C
50°C		

Work on back

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Don't forget the front side

When two objects reach thermal equilibrium what happens?

Why can't solids transfer heat by convection?

What do we call a material that allows the transfer of heat?

To insulate your house you have storm windows with two pieces of glass and air in between. Why?

Give an example:

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