Name: _____

Period:_____

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



Work on back



 From below a light bulb.
 ing.

 From holding onto a hot
 From the sun.

 spoon.
 From the sun.

showing the dire	ection of the thermal transfer.
10°C	30°C 35°C
50°C	50 C 55 C

Work on back

Name: _ Period:_		HW—27:1 — The Mr. Murra www.aisd.net/	rmodynamics y, IPC smurray	Assigned: Tues., 3/23/04 Due: Thurs., 3/25/04
	What Kind of 1. Conduction; 2. C	Thermal Transfer? Convection; 3. Radiation	Draw an arrow for e showing the di	each of the following pair of objects irection of the thermal transfer.
	 When water moves in a hot tub? From below a light bulb 	Causes wind. From two things touch- ing.	10°C	30°C 35°C

____ From holding onto a hot ____ From the sun. spoon.



Work on back

50°C

Why can't solids transfer heat by convection?		
To insulate your house you have storm windows with two pieces of glass and air in between. Why?		
	HW 27:1	
Why can't solids transfer heat by convection?		
To insulate your house you have storm windows with two pieces of glass and air in between. Why?		
	Why can't solids transfer heat by convection? To insulate your house you have storm windows with two pieces of glass and air in between. Why? Why can't solids transfer heat by convection? To insulate your house you have storm windows with two pieces of glass and air in between. Why?	

Don't forget the front side

HW 27:1

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: