QUESTIONS TO HAND IN – EXPERIMENT 15

NAME		
LAB INSTRUCTORLAB DAY/TIME		
1.	1. What are the three main processes of heat transfer?	
2.	2. Which of the three processes above requires <i>matter</i> to be p	resent to transfer heat?
3.	3. Equation (1) tells us that the larger the difference between of its surroundings, the (circle one) GREATER/SMALLE of change in its temperature.	
4.	4. The quantity <i>K</i> in Equation (2) would be (circle one) LAR immersed in a liquid compared to when it is in a gaseous e	
5.	5. The time constant for the cool-down process, as expressed how long it takes for the object to reach the temperature of constants (2τ) have elapsed, the body's temperature should 63% / 14% / 5% of its initial value.	its environment. After 2 time