Virtual Experiment Worksheet	Names:
Experiment – Specific Heat Capacity of Copp	per
Part 1, Calculating the calorimeter constant: Start with 50.0 g iron and 50.0 g water.	
What is the starting temperature of the water	? What is the final temperature?
	lorimeter constant, showing just the variables and n , calorimeter, final, initial). Remember, $0 = q_{met}$
What is C _{calorimeter} ? Show proper units	
Change the mass of the iron and the mass of calculate C _{calorimeter} . What do you get this time	the water. Perform the same experiment and
Part 2: Now calculate the specific heat capac and a mass of water at 50.0 g. Record the following the specific heat capacity and a mass of water at 50.0 g.	ity of copper. Start with a copper mass of 50.0 g lowing value:
Starting Water Temperature: Final V	Vater Temperature:
Write out your heat equation (using only vari calorimeter. Then substitute in your known v copper. How does this value compare to the	values. Calculate the specific heat capacity of