

Specific Heat PreLab

Name: _____ **Lab Section:** _____

Date: _____

PreLab Activity (10 points)—Complete prior to your lab session & hand in at the START of lab.

An aluminum cup contains 225 grams of water and a 40 gram copper stirrer, all at 27°C. A 400 gram sample of silver at an initial temperature of 87°C is placed in the water. The stirrer is used to stir the mixture until it reaches its final equilibrium temperature of 32°C. Calculate the mass of the aluminum cup.

END OF PRELAB – HAND IN AT THE BEGINNING OF YOUR LAB SESSION TO GET CREDIT