

Name: _____

Date: 02/10/05

Physics 10L Final (100 pts MAX) Winter 2005

<I>. What is the experiment presented on the table in front you?

<II>. What is the quantity to be measured? What is the unit of this quantity?

<III>. What is the most important apparatus/equipments to be used in this experiment?
Explain.

<IV>. Complete the following table and put the units for each column in ()

Specific Heat Lab Data

Trial	Metal	M₁()	C₁()	T₁()	M₂()	T₂()	T_f()	(C₂)_{measured}()	(C₂)_{given}()	%error
1	Aluminum	200		11.7	91.08	88.0	19.2		0.214	
2	Copper	200		11.5	270.86	87.1	20.3		0.0921	
3	Iron	200		11.5	228.14	84.0	20.7		0.107	
4	Aluminum	200		11.8	91.08	85.3	19.1		0.214	