Name:

Date:
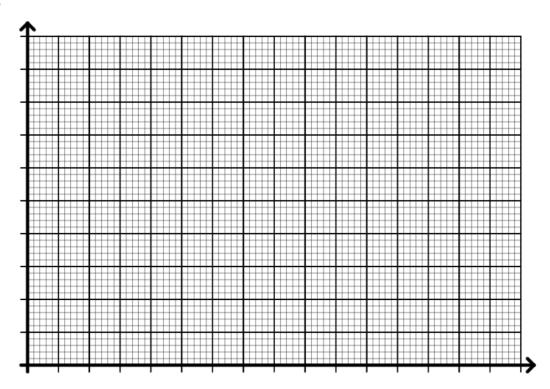
Specific Heat of Liquid Lab

Purpose:

Raw Data:

Step #	Variable	Quantity and Unit
1	M1 (Mass of Cup 1)	
2	M2 (Mass of Cup 1 with Mystery Fluid)	
6	T1 (Hot Water Temp Before Mixing)	
6	T2 (Mystery Fluid Temp Before Mixing)	
6	T3 (Temperature of System at Equilibrium)	
7	M3 (Mass of Complete System)	

Raw Graph:

Name:

Date:

Calculation Table:

Step #	Variable	Quantity and Unit
8	Mass of Mystery Fluid	
8	Mass of Hot Water	
8	ΔT of Water	
8	ΔT of Mystery Fluid	
9	Heat Lost by the Water	
9	Specific Heat of Mystery Fluid	

Calculations:

Conclusion: