1Name hemingway,john Section 1 Group
Date

Experimental data sheet 1 : Physical Measurements Lab

A. Mass Measurements

Sample	Filter paper (grams)	Quarter(grams)	50mL beaker(grams)
Before adding sample	0	1.045	1.045
After adding sample	1.045	6.534	31.860
Mass of sample	1.045	5.489	30.815

B. Length Measurements

Lab Manual	Length in cm	Width in cm	Length in mm	Width in mm
	27.75	21.10	277.5	211
Area				
	Don't know what its asking!!!			
Height	91 in		convert in m 2.311	

C. Volume Measurements

Capacity of a large test tube	78ml			
Capacity of a crucible	54ml			
40 mL water in a beaker	volume	36.5ml	Percentage error	63.5

D. Temperature Measurements

Boiling water	98^{o}C	
Iced water	(without salt) 1^{o}C	(with 20g salt) - 6^{o}C
It's called freezing point depression and it happens because dissolving salt in water lowers its freezing point		

E. Density of Magnesium Metal

Volume of water without Mg	15.0ml
Volume of water with Mg	15.9ml
Volume of Mg	0.91ml
Mass of the Mg sample	3.075 g
Density of the Mg sample	0.033 g / 1.738 g
	D=m/v

Show Your Calculations here	Density = 3.075 g/ 91 g = 0.033g But the real density is 1.738