Name			Desk	
Date	Laboratory Instructor			
REPORT SHEET FOR EX	CPERIMENT 1			
BASIC LABORATORY TECHNIQUES				
A. The Meterstick				
Length of this lab book	in	cm	mm	m
Width of this lab book	in	cm	mm	m
Area of this lab book (show calc	ulations)	. cm²		
Volume of water in graduated cy Volume of water contained in 12			_	
D. Relationship of Temperatur	re Scales (°F versus °C	C)		
Celsius equivalent of 40°F from Relationship of °F to °C (show c			_	
Celcius equivalent of 40°F from	equation			

water ur 10-mL Pipet		,
water	mm Hg °C	· ·
water ur 10-mL Pipet	°C	Ţ
ur 10-mL Pipet		
_	3 =1	mg
	°C	
	°C	
ial 1	Trial 2	Trial 3
		g
		g
		g
		mL
		1111
t:	mL	
	Trial 2 mL	Trial 3
	ial 1	t mL

QUESTIONS

1. A man who is 5 ft 5 in. tall weighs 140 lb. What is his height in centimeters and his weight in kilograms?

- 2. Determine the boiling point of water at 702.1 mm Hg.
- 3. A pipet delivers 9.98 g of water at 23°C. What volume does the pipet deliver?
- **4.** A pipet delivers 10.02, 10.12, 10.08, and 10.06 mL in consecutive trials. Find the mean volume and the average deviation from the mean.

5. A 116-mg sample was placed on a watch glass that weighed 7.965 g. What is the weight of the watch glass and sample in grams?



