Date	DateBP (Barometric Pressure)Department					ent			
Group NumberStudent Number			NameG		Grade				
			La	b	02 Verni	er Cal	ipe	r	
1 · C	1 · Outer Diameter : Zero C= (right- left+)								
No	main ruler r (mm)	vernier v	L = r + (mm)		length $h_i = L + C$ (mm)	arithme mear a.m. = Σh (mm)	n h _i / n	deviation $d_i = h_i - \text{a.m.}$ (mm)	sample standard deviation $s = \sqrt{\frac{\sum_{i=1}^{N} d_i^2}{N-1}} \text{ (mm)}$
1									
2						-			
3						=			
4									
5									
6									
7									
8									
9									
10									
= -	error $\frac{s}{\sqrt{N}}$ (mm)			$=\frac{e\eta}{}$	centage error ror .m. ×100%			asurement result a.m.±percentag error	
2 · Ir	nternal Diam	eter:Zero	C=		(right-	- left+))		
No	main ruler r (mm)	vernier v	L = r + (mm)		length $h_i = L + C$ (mm)	arithme mear a.m. = Σh (mm)	n h _i / n	deviation $d_i = h_i - \text{a.m.}$ (mm)	sample standard deviation $s = \sqrt{\frac{\sum_{i=1}^{N} d_i^2}{N-1}} \text{ (mm)}$
1									
2									
3						=			
4						-			
5									
6						_			
7						-			
8									
9									
10									
= -	error $= \frac{s}{\sqrt{N}} \text{ (mm)}$ percentage error $= \frac{error}{a.m.} \times 100\%$							asurement result a.m.± percentag error	

2 —	2	
_	_	

 $\textbf{3} \cdot \mathsf{Depth} : \mathsf{Zero} \; \mathsf{C} {=} \underline{\hspace{1cm}} \; (\; \mathsf{right} {-} \quad \mathsf{left} {+} \,)$

No	main ruler r (mm)	vernier v	$L = r + \frac{v}{10}$ (mm)	length $h_i = L + C$ (mm)	arithmetic mean a.m. = $\Sigma h_i / n$ (mm)	deviation $d_i = h_i - a.m.$ (mm)	sample standard deviation $s = \sqrt{\frac{\sum_{i=1}^{N} d_i^2}{N-1}} \text{ (mm)}$
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
=-	error $\frac{s}{\sqrt{N}}$ (mm)		$=\frac{e}{}$	centage error rror i.m. ×100%	measurement result $H = \text{a.m.} \pm \text{percentage}$ error		

4、	Volume	
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٨	01: 4 1	$\Gamma(-1/4)$	(:	1 1: 2	(D 41-)1 -	3
Α.	Object volume	$1(\pi/4) \times$	(internal	l diameter) ² x	(Depth) =	= mm ³

В	Percentage error of the volume=	0	6
D .	i dicentage circi of the volume	/	()

C. Error of the volume (AxB)
$$=$$
 ____mm³

D. Observation =
$$\underline{A} \underline{mm^3 \pm C} \underline{mm^3}$$

_	O	41_		-1:	! A	-I: 4		-11- •
ο,	Comparisons	amond tr	ne outer	diameter.	inter	diameter	and dec	oτn .

Sample standard de	viation:		>	>	
Error:	>	>_		_	
Percentage error:		>	>		

Date	_Room Temp	_BP (Barometric Pressure	e)I	Department
Group Num	iberStudent	Number	Name	Grade