1-				
(C) - PELA BOTA	CÃO DE I	m SEMICIRCULO	EMTTORNO DO	SEU
DIAMETRO				
	RDORCOM	A-A EXPLICAC	AO DO PDF	
		E SUAS PARTE		
2 -				
V4 = 417R3 =	411113	- > 411		
	3			
N2=411R3				
	441	R3 - 4.000.0	100. 4n	
	Panya		3	
	R 3	= 40° => R	= 3540° = 40°	= 400/
3 -				- 0
VE = 4 mR3				
VE = 4 mR3		HATR ³	- 4m R3	
VE = 41R3		HAR?	HAR?	
VE = 4MR3 3 VG = MR2N		HMR ³	= 4mR ³	
		4 m R ³		
Vo = MR2h.				
Vc = MR2h R = 2R			16R ³ m	
Vo= TR2h R= 2R h= 4R7		4218	16R3 m	

Bat Ba = C 41113 + 4112° = 111823 => 3611 = 111823 => 3 120/= 1/R23 => R2= 12 => R= 14 = 2/1 LETRA(B) VC = 11.62.1 | VE = 4022 => 36 = 4028 10897 = 477 R3 = 7 R3 = 108 = 3/27 = 3/1 LETRA(C) 288 n = 4 n R3 2381 864 = 4R3 R3 = 216 => Tano DIAMETRO = ARESTA R= 6 D= 2.R D= 12

A = 12/1 LETRA (E)

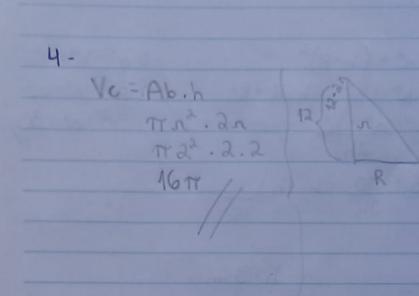
7			
Rc= 40	Vc= mr2h	VE= 47.23	16001 = 321
	VG=71100.16		3
	VC = 1600m	NE 32M	480017 = 32.11
Re=2		3	4800 = 450/
			32 LETRO

8 -	
VH = 20183	271R3 = 71R2h => = 2R = h
3	3
	211R3 = 11R2.H => 2R = 3H
Vc = m.R2.H	
VA = TERA.h	
3	2R = 3H = h LETRA (D)

1 -		
AE = 4mR2	R2 = 12 + (h-R)2	1002 = h2+11h2
100m = 4m-R2	R2 = 22 + 22 - 24 - 24 - 24 - R	2 1302 h 1 12
R2 = 25	R= n2+h2	h2+2=30
R = 5//	ah	
	5 = 30 -> h = 3	
	2h	

h=3 m/

2-
$$Ae = 4\pi R^2$$
 $\left(\frac{4\pi \left(\frac{1}{2} \right)^2}{6.1^2} + \frac{4\pi \left(\frac{3}{2} \right)^2}{6.1^2} + \frac{4\pi \left(\frac$



12n = 36 - 6n 18n - 36 n = 2

 $\frac{n=12-2n}{3}$

5-



 $V_{c} = \frac{1}{3} \cdot \pi \cdot 1^{2} = \pi \cdot 2 = 2\pi$

Vo = 112.2 = 21

VT: 211 + 211 = 811 3 1 3