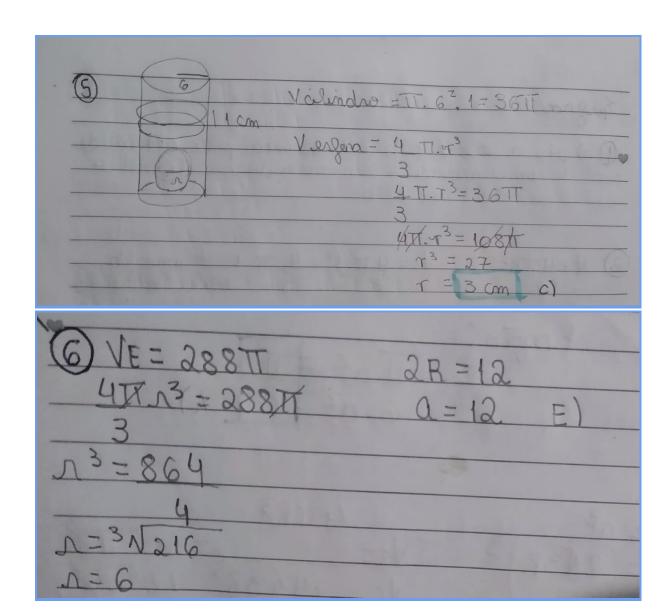
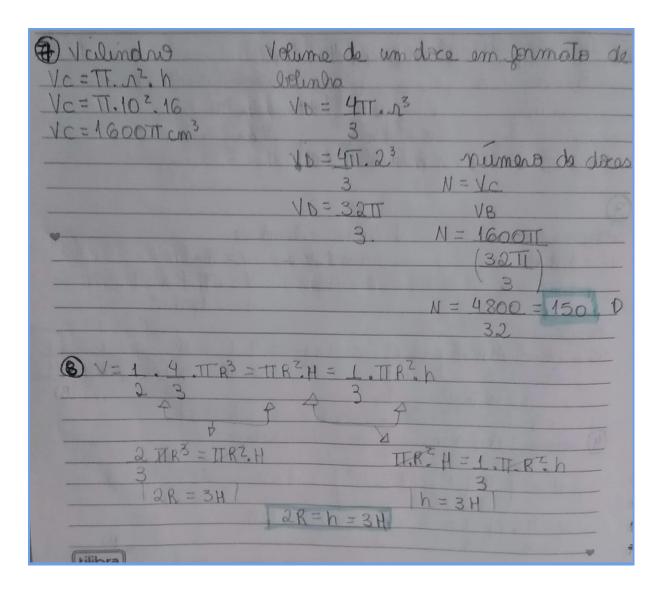
ESFERAS E SUAS PARTES

3600	de um semicircula em	Jermada pela resposs de volta de seu diâmitre.
2		= 4 TT & Volume da 3 esfora de nove 1
12=	$4\pi R^3$ $4\pi R^3 = 1.000.000$. 3 3 $8^3 = 10^6$ $R = 8\sqrt{10^8}$ $R = 10^2 = 100$	<u>\$</u>
	3 6 N= 4A	lundry $N = TIn^2h$ $N = TI \cdot 4n^2 \cdot 4n$ $N = 16TIn^3$
1	VE = (4xx3) = 4 = 4:10	$6 = 4.1 = 4 = 1 = 1$ $3 \cdot 16 \cdot 3.16 \cdot 3.4 \cdot 12$ (E)
9	V= $\left(\frac{4\pi}{3}, \frac{1^{3}}{3}\right) + \left(\frac{4\pi}{3}, \frac{2^{3}}{3}\right)$ V= $\frac{4\pi}{3}, \frac{1^{3}}{3} + \left(\frac{4\pi}{3}, \frac{2^{3}}{3}\right)$ V= $\frac{4\pi}{3}, \frac{8\pi}{3} + \frac{4\pi}{3}, \frac{8\pi}{3}$	12 T = TT 12.3 12 = 12 II





INSCRIÇÃO E CIRCUNSCRIÇÃO DE SÓLIDOS

SE=100TT $47/R^2 = 1007$ $R^2 = 100$ (nois consequi Y chegor a 3 m) $R = \sqrt{25} = 5$
alz area da superficie de culto: alz Sc=6.a²
medida de rais da argena from da superfícuo da esfera SE = 4TI. 12 SE = 4TI. 2 Ragas: SE = 4TI. 2 SE = 1T. 2 SE = TI. 2 TI. 2
$SE = \Pi_{0}a^{2}$ $SC = G_{0}a^{2} = A$ $SVE = 4\Pi R^{3} VC = a^{3} VC = 24\Pi R^{3}$ $VC = (24\Pi R^{3}) VC = 24\Pi R^{3}$ $VC = 24\Pi R^{3} VC = 24\Pi R^{3}$ $VC = 24\Pi R^{3} VC = 24\Pi R^{3}$ $A = 2R VC = 8.313R^{3}$ $A = 2R VC = 8.313R^{3}$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

(3) RB=3 Hco=hcr-p12=H-x
H=42 Deo=Not 6 2
12x=6.12-6x
$\Omega = 2$ $18x = 72$
$- VCI = 2TT \Lambda^3 \qquad 7 - 4 = 2R$
VOI = 2TI 23
VC1= 16TT cm3
(A) 10
5) VSOL = VTRO = ITH (R2+12+R1)
R=2 3
$n=1$ = $\pi_1(2^2+1^2+2.1)$
5 TEAL 27 12 2 1
= III(22+12+2.1)
= 111(4+1+2) - 11 (-) 2- 3
$= \frac{111(4+1+2)}{3} = \frac{11.1+(7)}{2} = \frac{811}{5} \text{ cm}^3$
3 3