5. Val = W. 62 1 = 36 7 1 2778	ESFERA E GURS PA
Vest = 367'	
- Comment of the second	1
-4/3. 173 = 367	or so congress als los
411. x3 x 3611.3	Contract Adv
47. 3= 1087	
- x3 = 108 x -> x3 = 108/4 -> x=	27> 1= 727
Y= \$ 38 -> R=3 cm R: C	-
6. Vest = 2887 cm3 a=d=2x	
2221 112 -1 3	TORY ME IX
288 of = 413. of x3	- Commence of the commence of
3. 288 of = 40° 18	
8647 = 47. 1 ³	
$r^{3} = 8647/47$ $r^{3} = 86414 \rightarrow r^{3} = 216 \rightarrow R = 3216$	5 5 5
$\gamma = 86717 - 7 = 216 - R = 9216$	-> 1= 16 -> Y= 6 cm
19 > 1 2 (2 1 12	2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1
d=2.~ = d=2.6= = d=12	7:-
$\frac{1}{2} \frac{1}{2} \frac{1}$	R:E
3.8 G A= 12	em
7 1 - 11 0 - 11 2	
7. h=16 an R=d/2 Y=2cm	21
d= 20 cm R= 10 cm	Old bol= 1600 17/3217/3
110 01 2 1	1600 m. 3/32m
VP = 17 x2. h VB = 4/371.13	4800 8/1328
NP= 17.102.16 413.11.23	4800/32
VP = N: 100. 16 413. N. 8	atd bol = 150
NP = 16001 NB = 327/3	R:D
A Real Property of the second	The service love
(tilibra)	

8. 41. $\frac{1}{3}$	MATTER MATTER
INSCRIÇÃO E CIRCUNSCRIÇÃO DE GÓLIDOS OL $A = 4\pi R^2$ $R^2 = r^2 + h^2 - 2h$ $R = 3H$ R:D INSCRIÇÃO E CIRCUNSCRIÇÃO DE GÓLIDOS OL $A = 4\pi R^2$ $R^2 = r^2 + h^2 - 2h$ $R = R^2$ $R = 10091/491$ $R^2 = r^2 + h^2 - 2h$ $R = R^2 + h^2$ $R = 10091/491$	8.41 3 3 12 = 10 h= 91 0 hd 3 -> 411 R /3/2= 17 H
INSCRIÇÃO E CIRCUNSCRIÇÃO DE SOLIDOS OI. $A = 447 R^2$ $R^2 = 10091/471$ $R^2 = 47 + 10 - 10 + 10 + 10 + 10 + 10 + 10 + 10$	AND THE PERSON NAMED IN COLUMN TO TH
INSCRIÇÃO E CIRCUNSCRIÇÃO DE SOLIDOS OI. $A = 447 R^2$ $R^2 = 10091/471$ $R^2 = 47 + 10 - 10 + 10 + 10 + 10 + 10 + 10 + 10$	1. h/3 -> 2R/3 -> H= h/3 -> 2R=3H=3h
INSCRIÇÃO E CIRCUNSCRIÇÃO DE SOLIDOS OI. A= 441. R ² R ² = 1004 / 441 R ² = 4 ² + h ² - 2h. R + R ² R: 1005 / 441 R: $\sqrt{2}$	
INSCRIÇÃO E CIRCUNSCRIÇÃO DE SOLIDOS OL A= 441. R² R²= Y²+ (h-R)² R²= 1004 / 441 R²= x²+ h²- 2h. R+R² R= R²+ h² 2h $ G^2 = h^2 + x^2 $ 2h	= 2R - 3H = h
INSCRIÇÃO E CIRCUNSCRIÇÃO DE SOLIDOS OI. A=441 R ² R ² = 1009 / 491 R ² = 7^{2} + $(h-R)^{2}$ R ² = 1009 / 491 R ² = 7^{2} + 7^{2} + 7^{2} + 7^{2} + 7^{2} + 7^{2} 2h $G^{2}=h^{2}+r^{2}$ 2h $G^{2}=h^{2}+r^{2}$ 2h $G^{2}=h^{2}+r^{2}$ 2h 2 $4\pi \cdot r^{2}=4\pi \cdot (a/2)^{2}=4\pi \cdot a^{2}/x-\pi \cdot a^{2}/x-\pi \cdot a^{2}/x$ 2. $4\pi \cdot r^{2}=4\pi \cdot (a/2)^{2}=4\pi \cdot a^{2}/x-\pi \cdot a^{2}/x-\pi \cdot a^{2}/x$ No inscriber Diagonal cubo: $2R$ Value inscriber Diagona	2R=R=3H
O! $A = 4\pi!$ R^2 $R^2 = Y^2 + (h - R)^2$ $R^2 = 100\pi! / 4\pi!$ R^2	R:D
O! $A = 4\pi!$ R^2 $R^2 = Y^2 + (h - R)^2$ $R^2 = 100\pi! / 4\pi!$ R^2	10/20:00
O! $A = 4\pi!$ R^2 $R^2 = Y^2 + (h - R)^2$ $R^2 = 100\pi! / 4\pi!$ R^2	INSCRIÇÃO É CIRCUNSCRIÇÃO DE SÓLIDOS
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	S S S S S S S S S S S S S S S S S S S
$\frac{R^{2} = 10094/441}{R = 10094/441} \qquad \frac{R^{2} = 4^{2} + h^{2} - 2h \cdot R + R^{2}}{R = 10094/441}$ $\frac{R^{2} = 10094/441}{R = 10094} \qquad \frac{R^{2} = 4^{2} + h^{2} - 2h \cdot R + R^{2}}{R = 10094/441}$ $\frac{R^{2} = 10094/441}{R = 10094} \qquad \frac{R^{2} = 4^{2} + h^{2} - 2h \cdot R + R^{2}}{R = 10094/441}$ $\frac{R^{2} = 10094/441}{R = 10094} \qquad \frac{R^{2} = 4^{2} + h^{2} - 2h \cdot R + R^{2}}{R = 10094/441}$ $\frac{R^{2} = h^{2} + x^{2}}{2h} \qquad \frac{R^{2} = 3m}{R} \qquad R$	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
$\frac{2h}{(\sqrt{30})^2 + h^2 + r^2}$ $\frac{30 = h^2 + r^2}{30 = h^2 + r^2}$ 2. $\frac{4\pi \cdot r^2}{6a^2} = \frac{4\pi r' (a/2)^2}{6a^2} = \frac{4\pi r' a^2 / x' - \pi a^2 / x' - \pi a^2 / x'}{6a^2}$ 3. Vestide $x = 2$ Diagonal cubo: $2h$ Vubo insc. Diagonal cubo: $2h$ Ve 3 $2h = a\sqrt{3} \Rightarrow h = a\sqrt{3}/2 \Rightarrow ve \cdot 4 \cdot h^2 r^3 a^3 = \sqrt{2}$ $\frac{4\pi r' R^3}{3a^3} = \frac{4\pi}{3a^3} \left(a\sqrt{3} \right)^3 \Rightarrow 4\pi a^3 a\sqrt{3} \sqrt{2} \cdot \sqrt{3}\pi$ $\frac{3a^3}{3a^3} = \frac{3a^3}{3a^3} = \frac{2\pi}{3a^3} \cdot \sqrt{2}\pi$	
$\frac{G^{2} = h^{2} + \chi^{2}}{(\sqrt{30})^{2} = h^{2} + \chi^{2}}$ $\frac{2h}{30} = h^{2} + \chi^{2}$ $\frac{2h}{30} = h^{2} + \chi^{2}$ $\frac{4\pi \cdot \chi^{2}}{30} = \frac{4\pi' (a/2)^{2}}{(a/2)^{2}} = \frac{4\pi' a^{2} / \chi}{4\pi' a^{2} / \chi} = \frac{\pi' a^{2} / \chi}{6}$ $\frac{3}{3} = \frac{4\pi' a^{2} / \chi}{4\pi' a^{3} + \chi^{2}} = \frac{\pi' a^{2} / \chi}{6}$ $\frac{3}{2} = \frac{2h}{3} = \frac{\pi' a^{2} / \chi}{6}$ $\frac{3}{2} = \pi' a^{$	
$(\sqrt{30})^{2} = h^{2} + y^{2}$ $30 = h^{2} + 4^{2}$ 2. $4\pi \cdot x^{2} = 4\pi' (a/2)^{2} = 4\pi' a^{2} / x - \pi a \rightarrow \pi' R \cdot A$ $6a^{2} \qquad 6a^{2} \qquad 6$	TENS EN WELL STELL
$\frac{(\sqrt{30})^{2} = h^{2} + r^{2}}{30 = h^{2} + r^{2}}$ 2. $\frac{4\pi l \cdot \epsilon^{2}}{6a^{2}} = \frac{4\pi' (a/2)^{2}}{6a^{2}} = \frac{4\pi' a^{2} / x - \pi' a^{2} - \pi'}{6a^{2}} = \frac{4\pi' a^{2} / x - \pi' a^{2} - \pi'}{6a^{2}} = \frac{4\pi' a^{2} / x - \pi' a^{2} - \pi'}{6a^{2}} = \frac{4\pi' a^{2} -$	G2= h2+x2 5= 20 - 3m B: 3 minutes
2. 4th. $6^2 = 4th' (a/2)^2 = 4th' a^2 / H - th' a^2 / H$	$(\sqrt{30})^2 = h^2 + \gamma^2$
$\frac{4\pi \cdot x^{2}}{6a^{2}} = \frac{4\pi' (a/2)^{2}}{6a^{2}} = \frac{4\pi' a^{2} / x}{6} - \frac{\pi' a^{2}}{6} \rightarrow \pi' R \cdot A$ $\frac{3}{\sqrt{2}} = \frac{3}{\sqrt{2}} = \frac{3}{\sqrt$	30 = h2 + 12
$\frac{4\pi \cdot x^{2}}{6a^{2}} = \frac{4\pi' (a/2)^{2}}{6a^{2}} = \frac{4\pi' a^{2} / x}{6} - \frac{\pi' a^{2}}{6} \rightarrow \pi' R \cdot A$ $\frac{3}{\sqrt{2}} = \frac{3}{\sqrt{2}} = \frac{3}{\sqrt$	
3. Vestide $x=2$ Diagonal cubo: $2R$ Veubo Insc. Diagonal cubo: $a\sqrt{3}$ $2R = a\sqrt{3} \rightarrow R = a\sqrt{3}/2 \rightarrow Ve$. $4 \cdot r^3 \cdot a^3 = 4r^3 \cdot a^3$	
3. Vest de x=2 Veubo Insc. Diagonal cubo = 2R Veubo Insc. Diagonal cubo = a\square 2R = a\square 3 \rightarrow R = a\square 3 \rightarrow Ve 3 Ve 3 Ve 3 4N'R3 - 4T (a\square 3) - 4Ta33\square 3 - 12\square 3 - \square 8:8	Mill Toll - II W - II M - II M - II
Vestide $x=2$ Diagonal cubo: $2R$ Veubo 175C. Diagonal cubo: $a\sqrt{3}$ $2R = a\sqrt{3} \rightarrow R = a\sqrt{3}/2 \rightarrow Ve$. $4 \cdot r^3 \cdot a^3 = 476$ Ve 3 $4r^2R^3 - 4\pi (a\sqrt{3})^3 \rightarrow 4\pi a^3 a^3 \sqrt{3} \rightarrow 12\sqrt{3} - \sqrt{3}\pi$ $3a^3 3a^3 2 3a^3 \cdot 8 28 2 R:8$	- 6a
Vestide $x=2$ Diagonal cubo: $2R$ Veubo 175C. Diagonal cubo: $a\sqrt{3}$ $2R = a\sqrt{3} \rightarrow R = a\sqrt{3}/2 \rightarrow Ve$. $4 \cdot r^3 \cdot a^3 = 476$ Ve 3 $4r^2R^3 - 4\pi (a\sqrt{3})^3 \rightarrow 4\pi a^3 a^3 \sqrt{3} \rightarrow 12\sqrt{3} - \sqrt{3}\pi$ $3a^3 3a^3 2 3a^3 \cdot 8 28 2 R:8$	0
$\frac{2R = \alpha\sqrt{3} \rightarrow R = \alpha\sqrt{3}/2 \rightarrow Ve. 4. N r^{3} \times \alpha^{3} = \frac{2}{3} \times $	
$\frac{2R = \alpha\sqrt{3} \rightarrow R = \alpha\sqrt{3}/2 \rightarrow Ve. 4. N r^{3} \times \alpha^{3} = \frac{2}{3} \times $	Vestide r=2 Diagonal Cubo: 2h
VC 3 41 R3 - 4П (a√3)3 -> 4 П a 33√3 -> 12 √3 - √3П 3 a 3 B a 3 2 R: В	V cubo Insc. Diagonal cubo = avs
VC 3 41 R3 - 4П (a√3)3 -> 4 П a 33√3 -> 12 √3 - √3П 3 a 3 B a 3 2 R: В	9 B = 0 \ \ 3 \ \ B = 0 \ \ \ 3 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
411 R3 - 4T (a\sqrt{3})3 -> 4T a33\sqrt{3} -> 12\sqrt{3} -\sqrt{8TT} 3a3 8 28 2 R:B	
	41 R3 - 4T (a\J3 \3 -> 4TT a 33\J3 -> 12\J3 - \J3TT
	3 3 3 2 2 3 8 28 2 R:B
CIIIDId	
	(IIII)