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## Cilindros

	Data /
01. altera = 40 cm	1 T G G L
raios = 10 cm e S cm	
main = 1 de son	107398
maior = 1 de água	Value - av
Atrono	VANCE HAY
Volume de rilindra 1 portes premotio	VIRS = HU G Y
	Ya
V1 = 7. 100. 1.40 V1=V2	+ X ) 4 T S = H &
5 800× = ×.25	V
V1=17.20.40 8.4.28=28	5. H(H+2) S = HE
V1 = 800 11 cm <sup>3</sup> 32 = H	NS+US=H8
	m//5= 45= H8
	Resposta A
- 12	
02. 61	7101 = 1V
H2=16 K2	Mal= HJan
H1=704	IN = HSy
<u> </u>	Th
VI = 1 (R1)3 = 8	N= N 30
V2 27 (R2) 27	0) = 48. 54
	31 = 151
T(R1)2.41 = 1 R1 = 2	5
M(22)2, 42 27 R2 3/	
	posta e de sa
(R1)2.2R1 = 1	8 V = 9
(n2)2.16x2 27	7 = 4

03	may = millo 1
C2 = C1	al a .
A14	and dos cilindras
2 Y V 11 = 2 Y 2 (2 1 1)	n - 11
SUKH = SUK(K+H) H+	R = 4
EI O KH = CII K(K+H)	veryional)
2	Volume de villando
3H = 27/2 (R+A)	
	VI = M. 100 1 40
800 X = 11 25 W	2
3H = 2(x+H)	
3H = 2R + 2H H = CB	VI = 8001 cm2
3H = 2K = 2H	
H= 2R	*
V1 = 1617	10.50
MR2.H = 1611	101794
b <sup>2</sup> . H = 16π	105-111
X	19 19
03.11 = 11	
R <sup>2</sup> . H = 16	1 = 11/
p <sup>2</sup> .212 = 16	fs SV
n <sup>2</sup> h= 16	1
	- 1 - 1 V 3 (19) T
N3 = 4	FS ON YOUNT
R3 = 8 Q = 3\sqrt{8}	1 - 185 3/141
A = 2	£5 8201 1/1 at
K- C	

04.	STQQS
N= 4, Vs. N	VP=32TT
theren a raia da Bare	VP = 32 3 14 VP = 100 48 cm <sup>3</sup> Vd = 32 TI
$C = (V+15)_{5}$	4V=9V
V = N. R2.H	VP=32TT VP=32.314
V= 1. (R+12)24 = 22 (4+12)	19= 100,48 cm3
V= M(12+241+144), 4=12+16 V= M. (412+961+576), 4=1+162 V= M. 412+961-1612+576	ALDY
V= N-12×2+96+576 :12	
V=-R2+8R+48 (-1) V=R2-8R-48	
22 - 8n - 48	
-4 + 12 = 8	
-4. 12 = -48 Raia = 12cm	Man + A
	Muspode A

VB= NR2 H	
110 = N (0-12	
ND=1. (2012 0,08	
VB= N.400.0,08	
Vd = 32TT	send do vien
V0 = V1	
VP=VB	-
VP=321T	(4)
NP=32,3,14	
VP=100,48 cm3	
VP= 100, S cm3/	(51+H) Sy = H 6
	losta B SM = M. (ANN + ANS
	+30H 1=1 145 + 100+

## Pirâmides

	Data / /
of. A=X am	
A B EX com	
H 8 cm	
Volume = 48 cm	N THE
Area Base	
A= 8. H	
A= x.2x	1
A=Zx2 cm2	
Waln dex	RA
+1	
V= A.H.	31 = 16
H= 163 13 2+ 19213 -24 8+1	
110 - 2. 7. 0	
$48 = 2x^2 \cdot 8$	
3 EVALS JA	
$16x^2 = 48.3$	
$16x^2 = 144$	
x2 = 144	
16	
$\chi^2 = 9$	
x2=V9	
x = 3//	
Resporta C	

	STOO
02 / Area total = 14400 mm²	
Altura = 30 mm	
Base quadrada = 80 mm	
Altura das triangulas	
$H^2 = (80)^2 + 30^2 = 6400 + 900$	
4	
HZ = 1600 + 900 = 2500	
H2=V2500	
H = 50mm	
Area total	
$A + = 4. \left( 80.50 \right) + 80^2 = 4.4000 + 6400$	
At = 8000 + 6400	
At = 14400 mm2/	
Resporto E	

04.	LS LT
AB=312 V3	
7	H
	EV3 EV 3
An = 2-7 \12	
$AB = \frac{3a^2\sqrt{3}}{2}$	18.08
	6.3
V=1. VP	32 m 1
2	-otasgoest
2	
V - A A	
V=1. AB. H	
3	dimâria mod
V-1 02 = NE	
V=1.32 V3. LV3	12, 73
2 2	H
1 0 2 5 5 1	EV.
V=3a2 V3. V3b	+
3.2	3 mi E
11-07-01	5
V=3a23+	
36.2	e spirámely e
11-2-21	200
V= 3a2b cm3/ Resporta	A 8. 373
2 Aesposta	A
	15

05. V=AB.H V=3.42. V3 6V3 V=24V3.6V3 V=24.6.3 V= 432 cm3// Resposta D 06 Area Bare pirâmide AB=6 V3 AB = 3 V3 cm2 Volume pirâmide V= 1. 8. 8V3 V= 8 V3 V= 4 V3 cm // Resporta A

07. Area Base pirâmide AB = (2a)2 = 4a2 VP= 402 401 Area Base prisma AB = a2 VPZ = az HPZ Razão entre As alteros 4 a2. HP1 = a2. HP2 HP2 402 HP2 4/ HPI Resporter A

08. Arec +H)	Data S T
08. Area total do tetraedro	
6 13 = a2 13 a = V6	discolony 40
Altura	5,0 = 37
H= aV6	Lest &
	- Doming east
H=V6.V6 3	30
H= 136_3	19H 50
H= 6	carter As altera
3	347 25 - 138
H = 2 cm// Resporta A	- 2012 - 2013