## **Cones e Troncos:**

Cones:

1.

**R:** a) 10√3cm

2.

$$2 V = \frac{1}{3} \pi n^{2} \cdot h - 0.64 \pi = \frac{1}{3} \pi n^{2} \cdot 12 - 0.0^{2} = 64 - 0.0 = 4$$

$$9^{2} = n^{2} + h^{2} + 9^{2} = 4^{2} + 12^{2} + 9 = \sqrt{160} - 0.9 = 4\sqrt{10}$$

$$R: B) 4 \sqrt{10}$$

**R:** b) 4√10

3) Alay = Mrs	V=1 Tri-l
367 = 7/12 11= V36	V=1 1.6°.6
Л=6=1	V= TT. 36. 2
	$V = 72\pi$ (R:A172 $\pi$ )

**R:** a) 72π

4.

R: e)  $\frac{2\pi}{3}$ 

5.

**R:** e) 44π

5) Variano	=(211/2.12	1/3 =	275/2. 12	6.8	= 2
Vernl	(Mr. 12	1/3	3/	In his	MILLS
					(R.A) 2

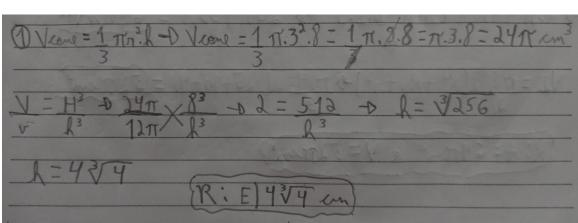
**R:** a) 2

7.

**R**: e)  $\frac{1}{2}$ 

Troncos:

1.



**R:** e) 4∜4cm

Districte = (16)3 = (4)3 = 64 -> Violete = 64 Vcopo Vcopo (20) (5) 125 125
Veopo = Vasuite + Veguma + Veopo = 64 Veopo + Veguma 125
Jenuma = 61V = 0,488V = 48% (R: C/50%)

**R:** c) 50%

3.

$$31. V_{T} = (2)^{3} = 3/1 = 2 + 1.3/2 = 3/4 + 0.1 = 43/4$$

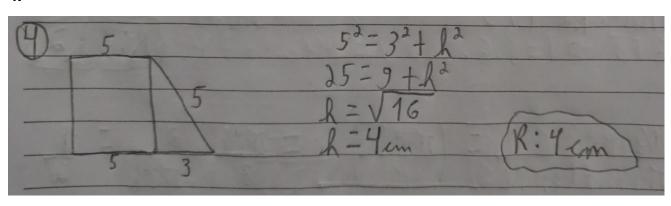
$$2 V_{T} = (1)^{3} = 3/1 = 2 + 1.3/2 = 3/4 + 0.1 = 43/4$$

$$R: 23/4$$

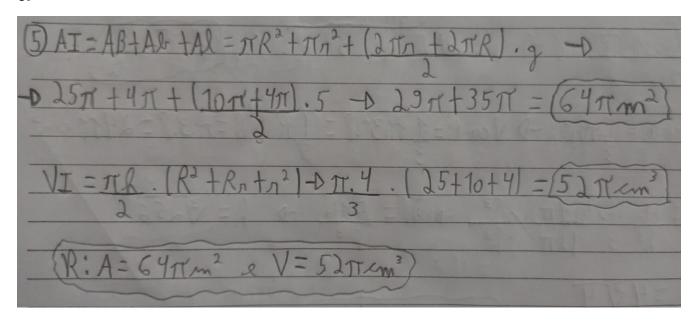
$$R: 23/4$$

 $R: \frac{h\sqrt[3]{4}}{2}$ 

4.

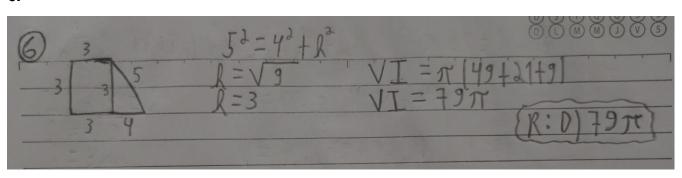


**R:** 4cm



**R:** Área total:  $64\pi m^2 \parallel Volume: 52\pi cm^3$ 

6.



**R:** d) 79π

**R:** a) 
$$h = \frac{H\sqrt[3]{4}}{2}$$