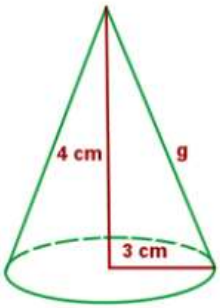


Área = $A_{total} = A_{base} + A_{lat}$

$A_{base} = A_{círculo} = \pi \cdot r^2 = \pi \cdot 3^2 = 28'27\ cm^2$

$A_{lat} = \pi \cdot r \cdot g = \pi \cdot 3 \cdot 5 = 47'12\ cm^2$

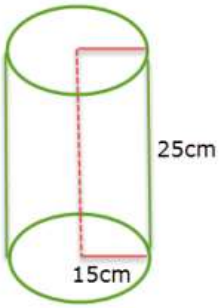
calculamos g: $g^2 = 4^2 + 3^2$

$g^2 = 25 \Rightarrow g = 5\ cm$

$A_{total} = 28'27 + 47'12 = 75'39\ cm^2$

$Volumen = \frac{A_b \cdot h}{3} = \frac{28'27 \cdot 4}{3} = 37'69\ cm^3$

porque termina en "punta"



Área = $A_{total} = 2A_{base} + A_{lat}$

$A_{base} = A_{círculo} = \pi \cdot r^2 = \pi \cdot 15^2 = 706'86\ cm^2$

$A_{lat} = 2\pi \cdot r \cdot h = 2 \cdot \pi \cdot 15 \cdot 25 = 2356'19\ cm^2$

$A_{total} = 2 \cdot 706'86 + 2356'19 = 3769'91\ cm^2$

$Volumen = A_{base} \cdot altura = 706'86 \cdot 25 = 17671'5\ cm^3$