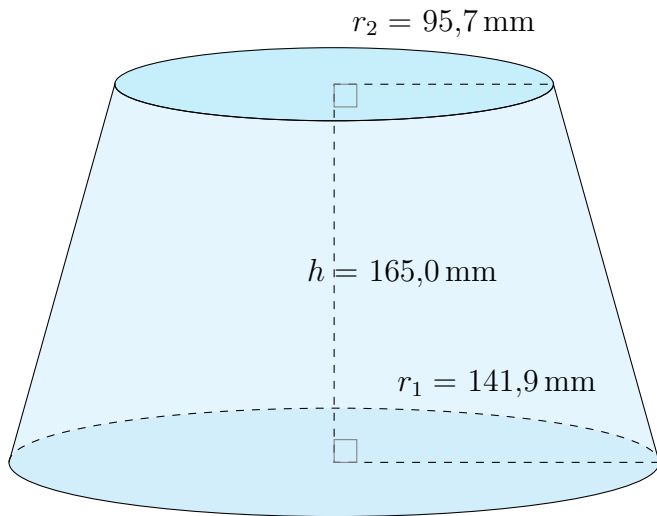


Aire et Volume d'un Tronc de Cône (H)

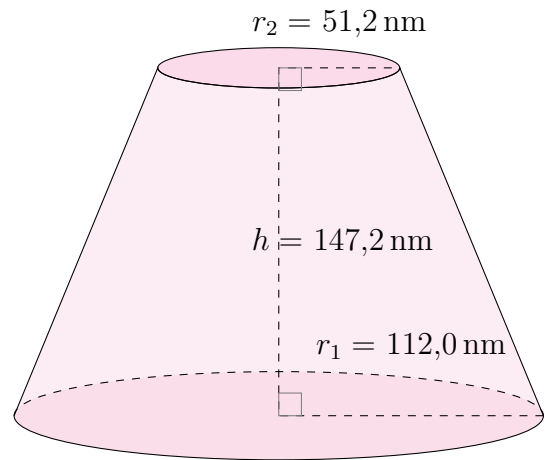
Calculez l'aire et le volume de chaque tronc de cône.

$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

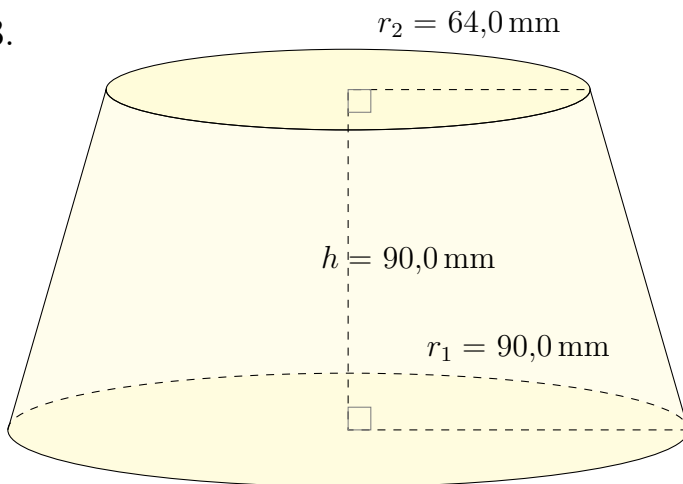
1.



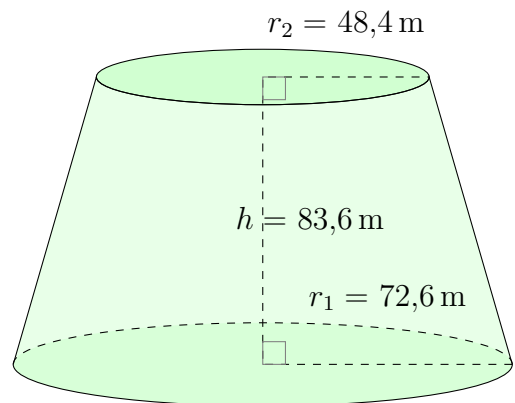
2.



3.



4.

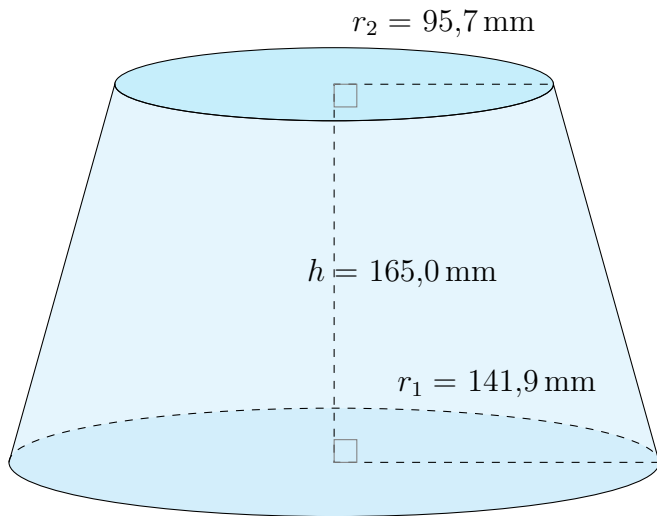


Aire et Volume d'un Tronc de Cône (H) Réponses

Calculez l'aire et le volume de chaque tronc de cône.

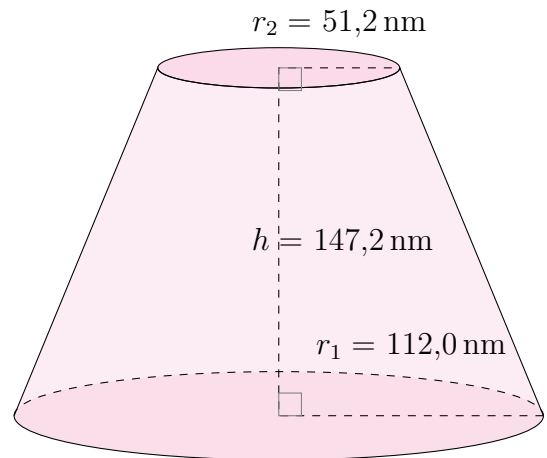
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



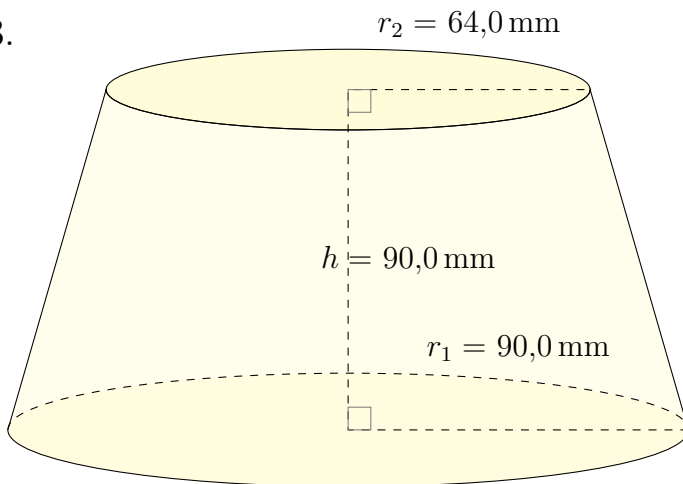
Aire: 219.930,0 mm²
Volume: 7.408.083,3 mm³

2.



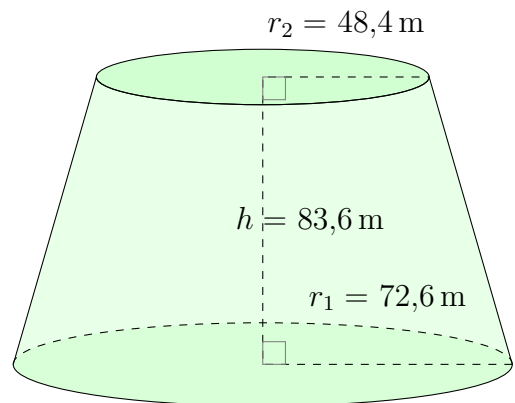
Aire: 129.298,7 nm²
Volume: 3.221.657,7 nm³

3.



Aire: 83.637,9 mm²
Volume: 1.692.313,1 mm³

4.



Aire: 57.001,7 m²
Volume: 974.135,2 m³