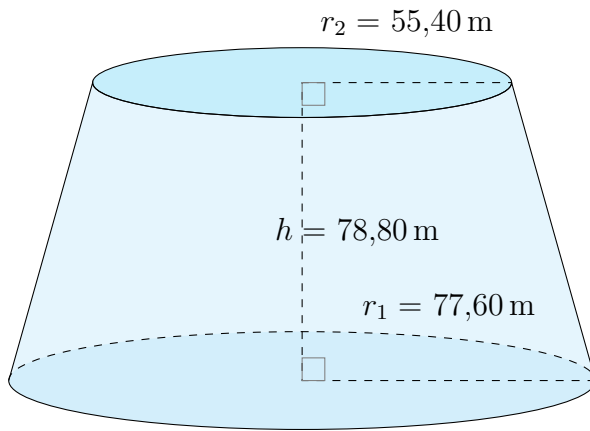


Aire et Volume d'un Tronc de Cône (A)

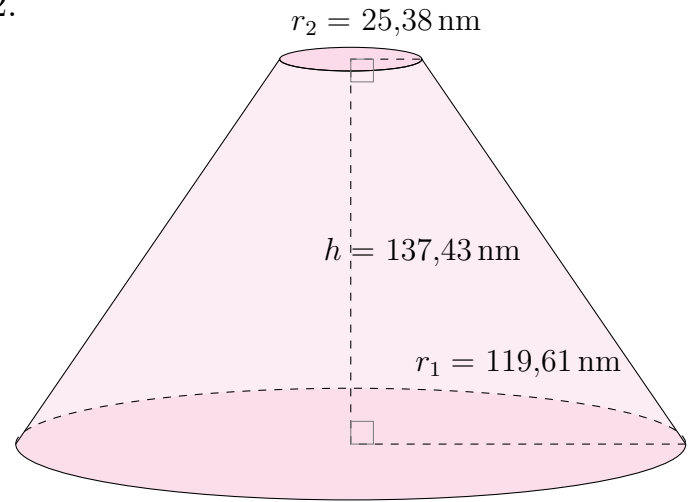
Calculez l'aire et le volume de chaque tronc de cône.

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

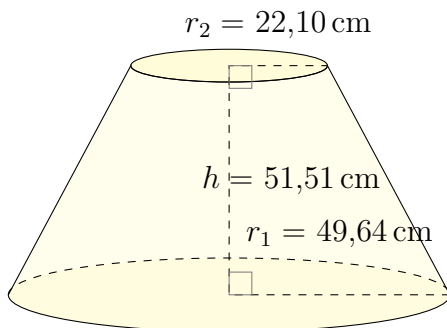
1.



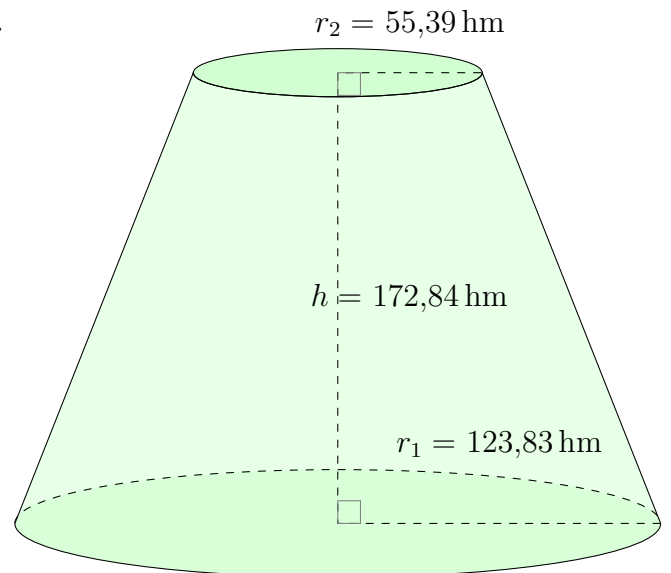
2.



3.



4.

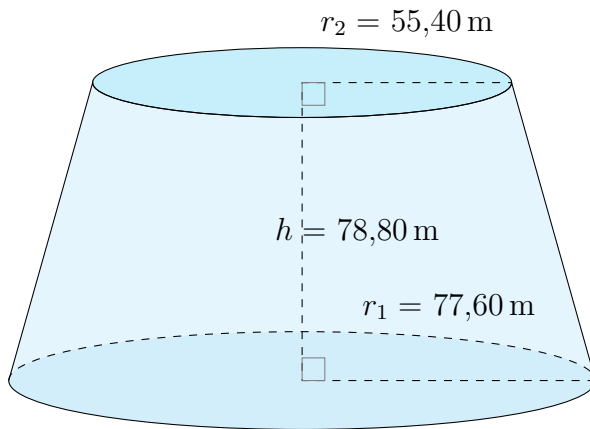


Aire et Volume d'un Tronc de Cône (A) Réponses

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

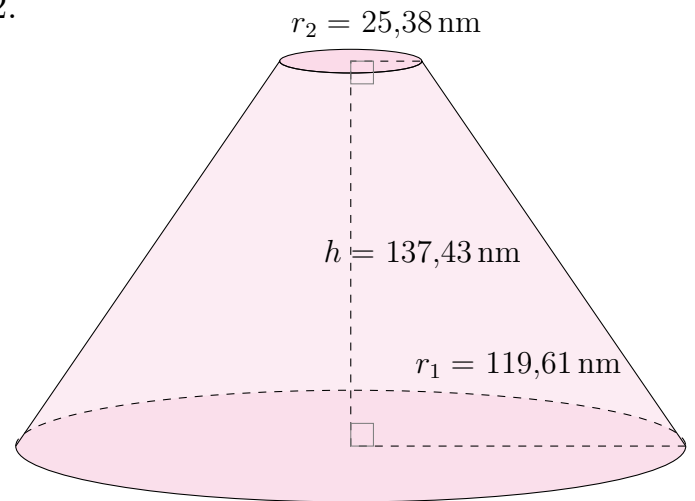
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



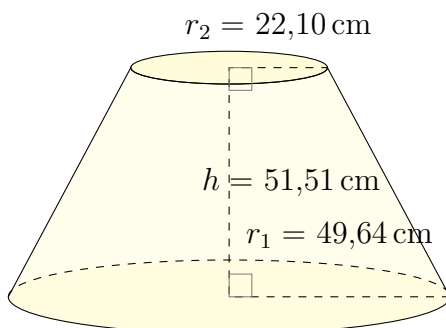
Aire: $62.766,79 \text{ m}^2$
Volume: $1.104.928,35 \text{ m}^3$

2.



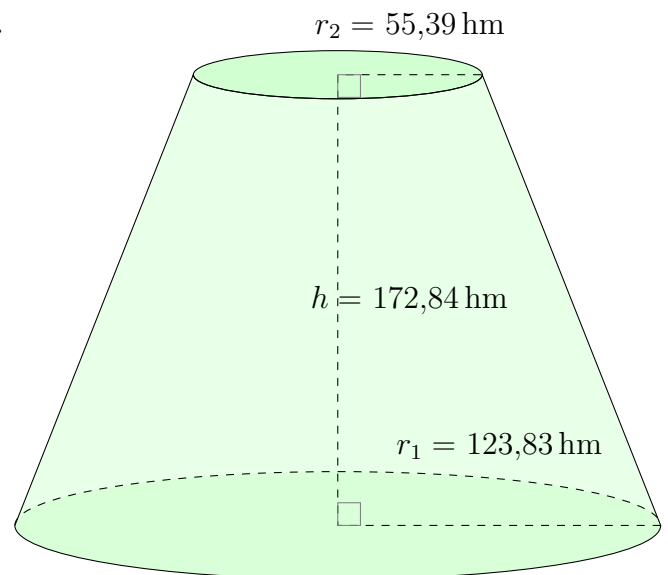
Aire: $122.869,90 \text{ nm}^2$
Volume: $2.588.536,96 \text{ nm}^3$

3.



Aire: $22.440,00 \text{ cm}^2$
Volume: $218.439,18 \text{ cm}^3$

4.



Aire: $162.478,09 \text{ hm}^2$
Volume: $4.572.156,51 \text{ hm}^3$