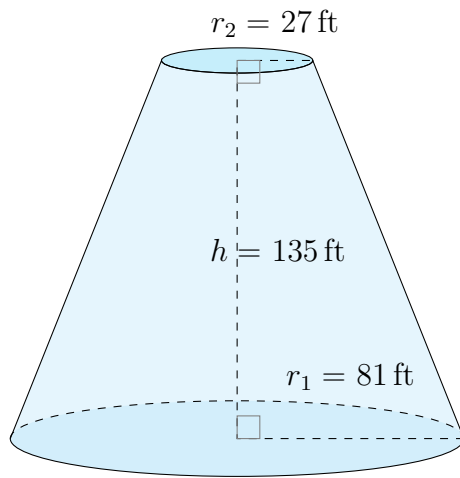


Aire et Volume d'un Tronc de Cône (H)

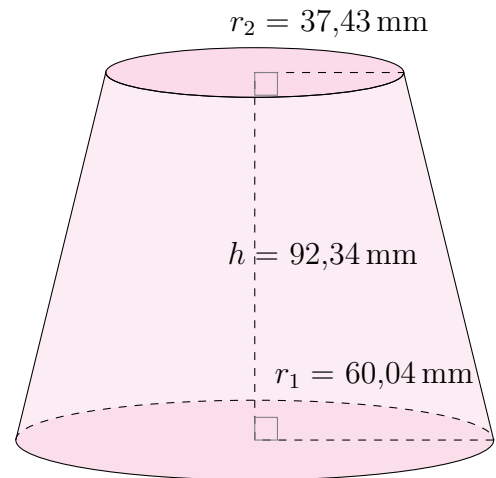
Calculez l'aire et le volume de chaque tronc de cône.

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

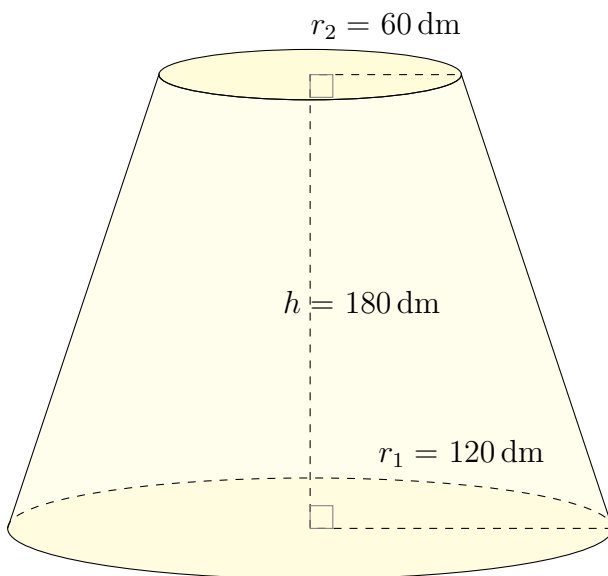
1.



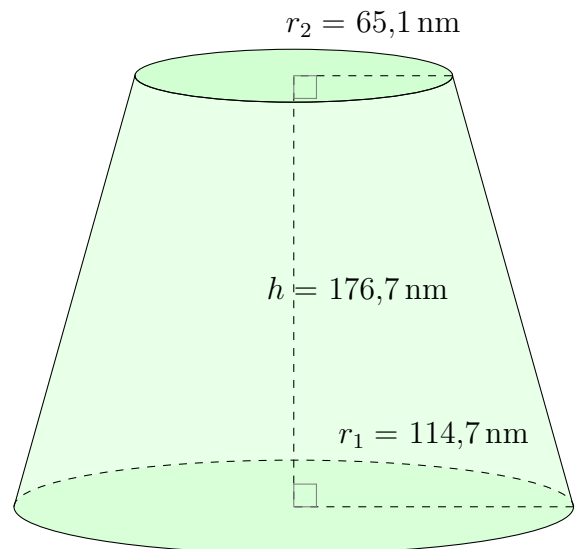
2.



3.



4.

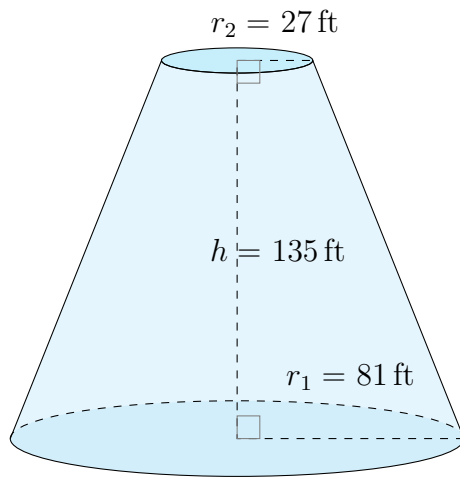


Aire et Volume d'un Tronc de Cône (H) Réponses

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

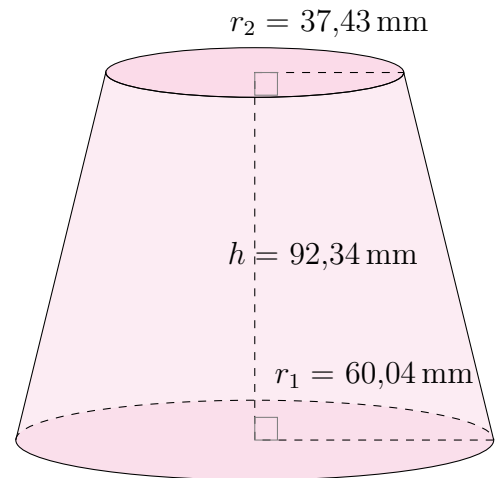
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



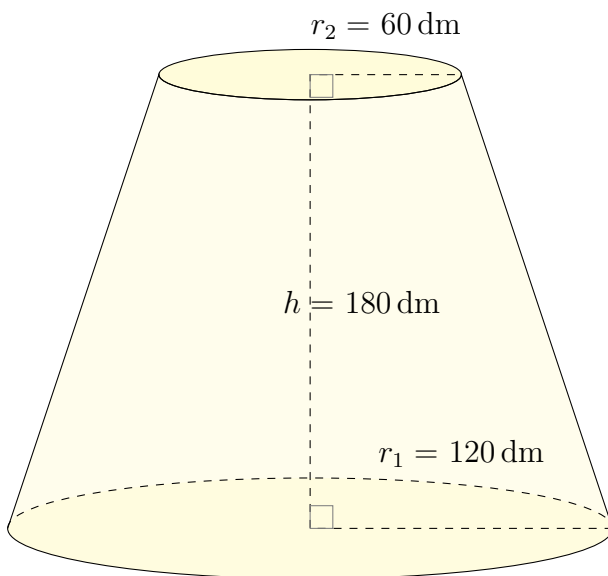
Aire: 72.235 ft^2
Volume: $1.339.779 \text{ ft}^3$

2.



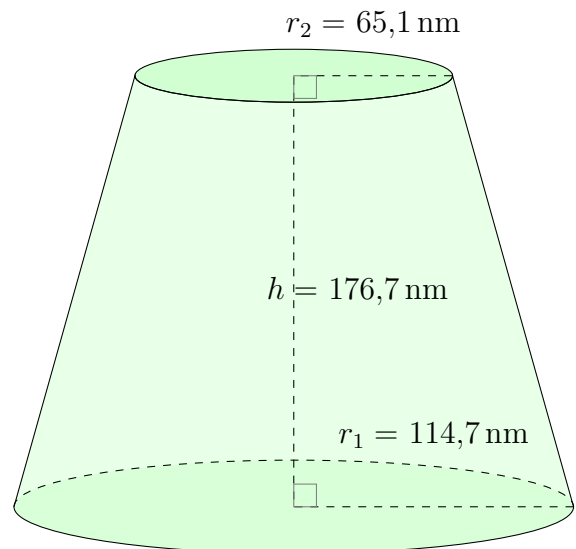
Aire: $44.837,02 \text{ mm}^2$
Volume: $701.362,23 \text{ mm}^3$

3.



Aire: 163.842 dm^2
Volume: $4.750.088 \text{ dm}^3$

4.



Aire: $158.313,3 \text{ nm}^2$
Volume: $4.600.287,6 \text{ nm}^3$