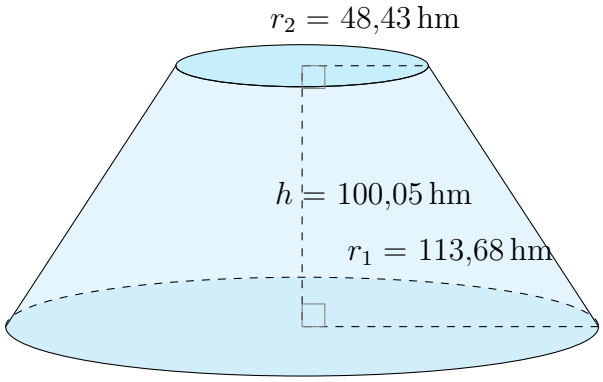
Aire et Volume d'un Tronc de Cône (J)

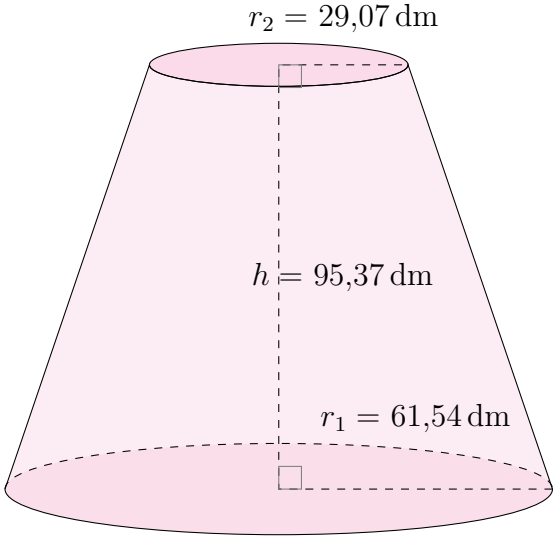
Calculez l'aire et le volume de chaque tronc de cône.

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

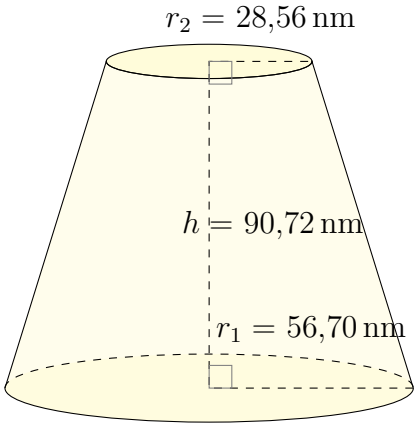
1.



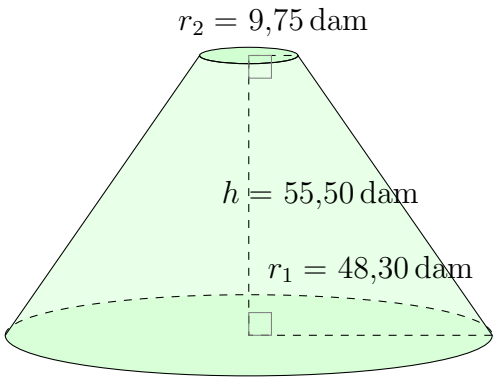
2.



3.



4.

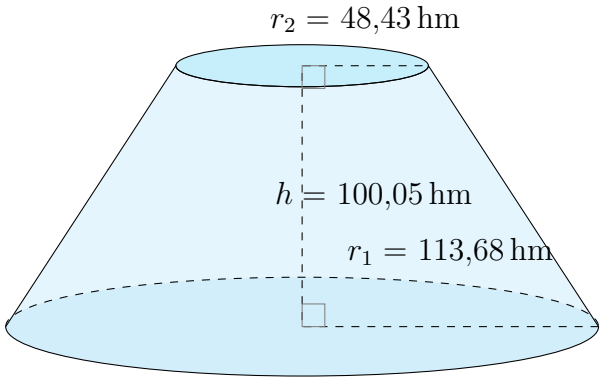


Aire et Volume d'un Tronc de Cône (J) Réponses

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

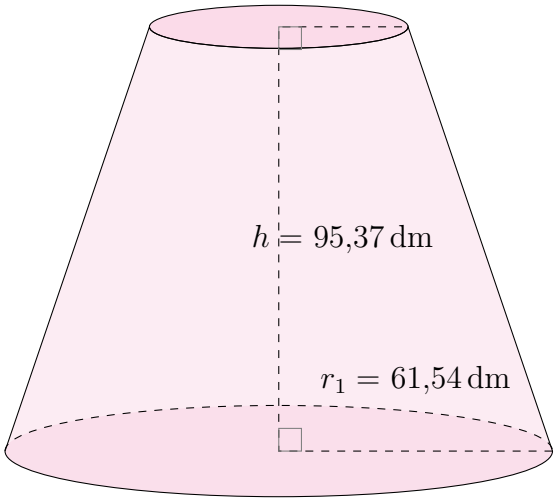
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi {r_1}^2 + \pi {r_2}^2 \quad \text{Volume} = \frac{\pi}{3} h({r_1}^2 + {r_2}^2 + r_1 r_2)$$

1.



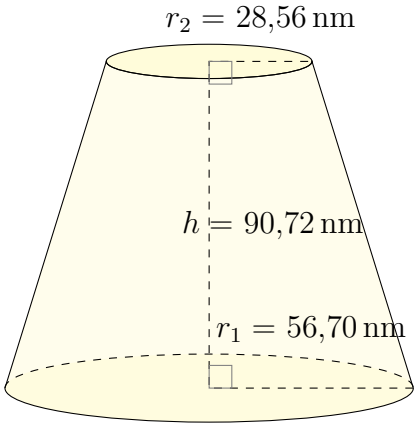
Aire: $108.800{,}10\,\text{hm}^2$
Volume: $2.176.549{,}51\,\text{hm}^3$

2.



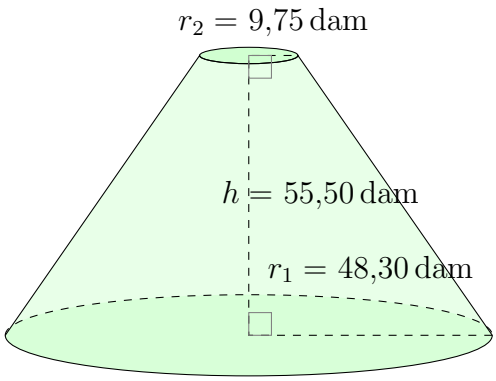
Aire: $43.230{,}90\,\text{dm}^2$
Volume: $641.293{,}57\,\text{dm}^3$

3.



Aire: $38.104{,}09\,\text{nm}^2$
Volume: $536.751{,}94\,\text{nm}^3$

4.



Aire: $19.951{,}22\,\text{dam}^2$
Volume: $168.481{,}21\,\text{dam}^3$