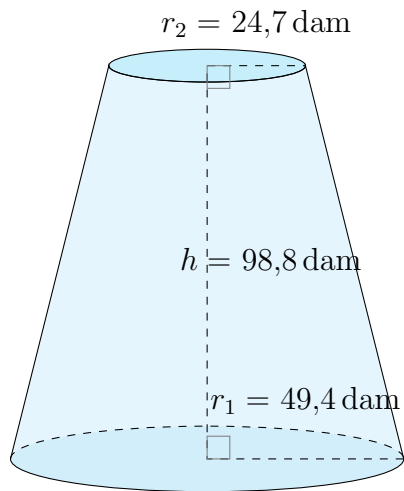


Aire et Volume d'un Tronc de Cône (B)

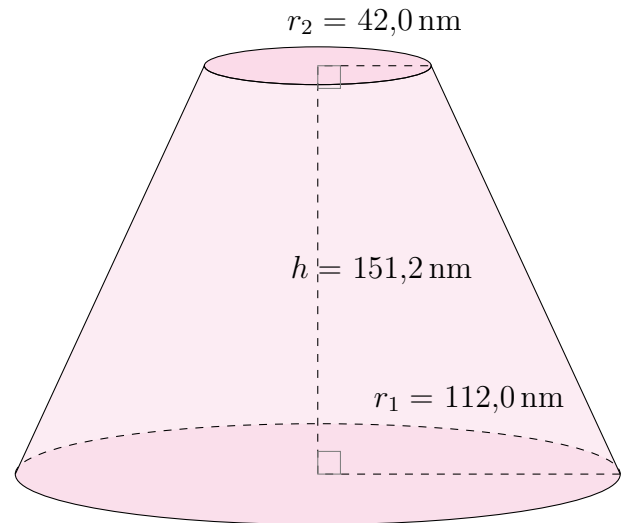
Calculez l'aire et le volume de chaque tronc de cône.

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

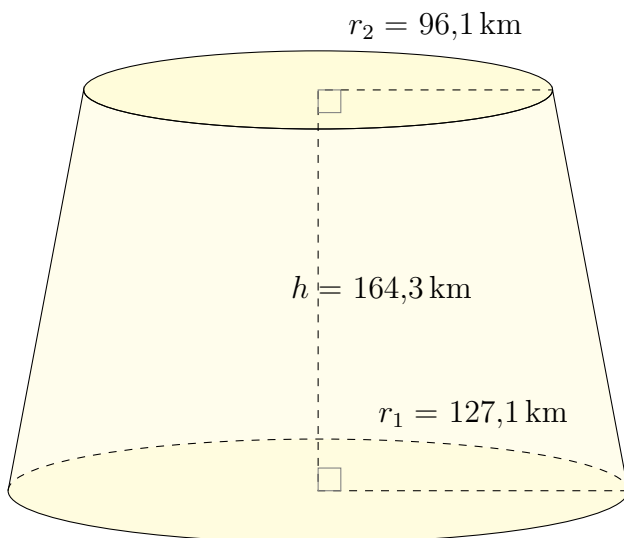
1.



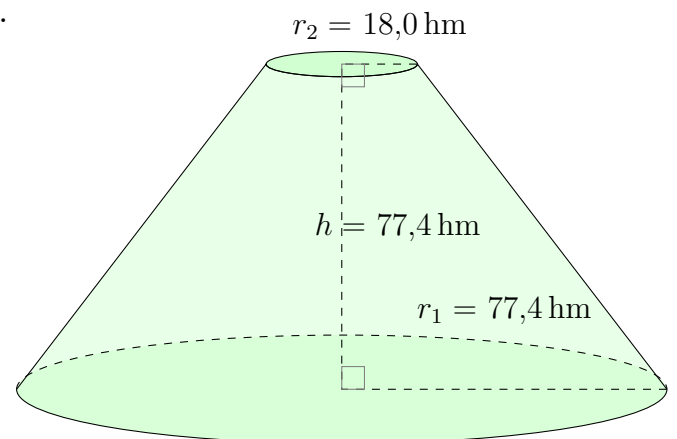
2.



3.



4.

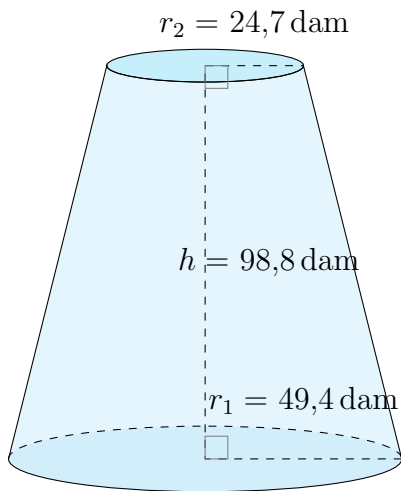


Aire et Volume d'un Tronc de Cône (B) Réponses

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

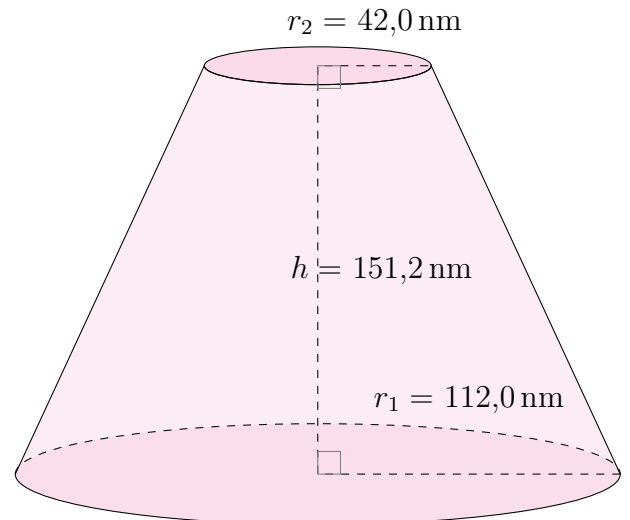
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



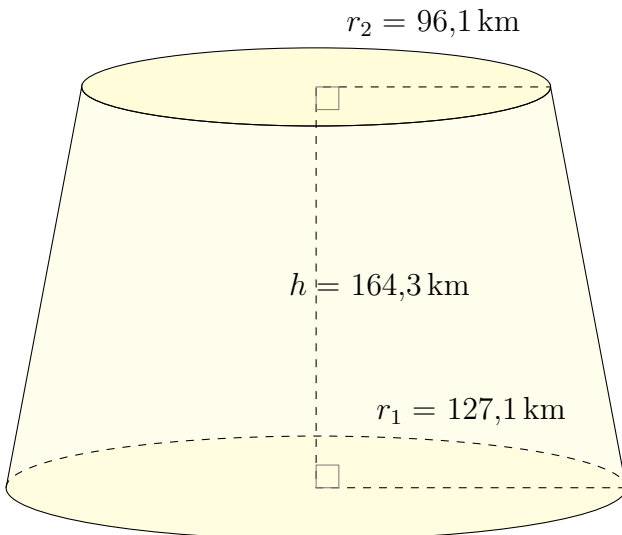
Aire: 33.291,0 dam²
Volume: 441.852,7 dam³

2.



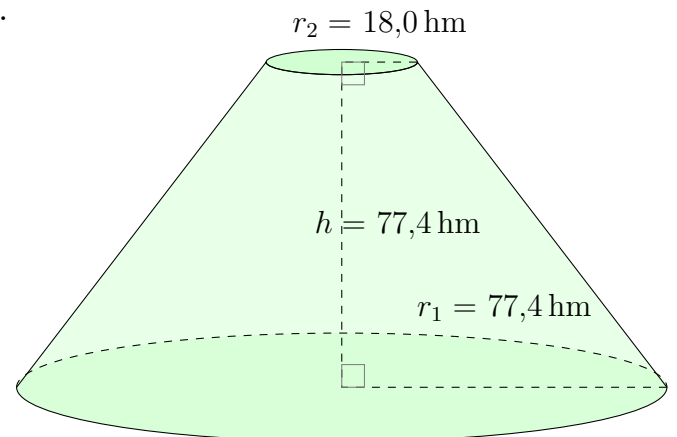
Aire: 125.560,4 nm²
Volume: 3.010.289,2 nm³

3.



Aire: 197.004,3 km²
Volume: 6.469.927,5 km³

4.



Aire: 49.079,7 hm²
Volume: 624.754,0 hm³