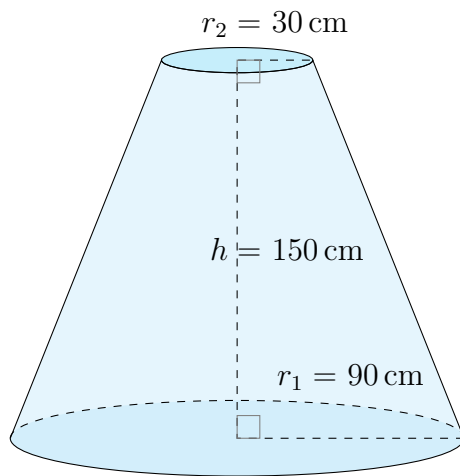


Aire et Volume d'un Tronc de Cône (B)

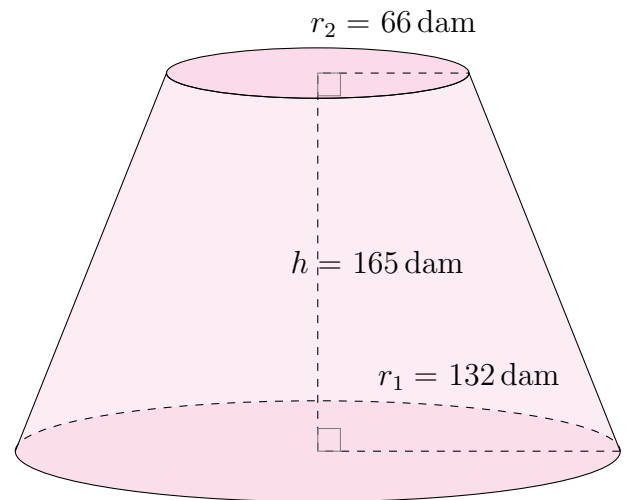
Calculez l'aire et le volume de chaque tronc de cône.

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

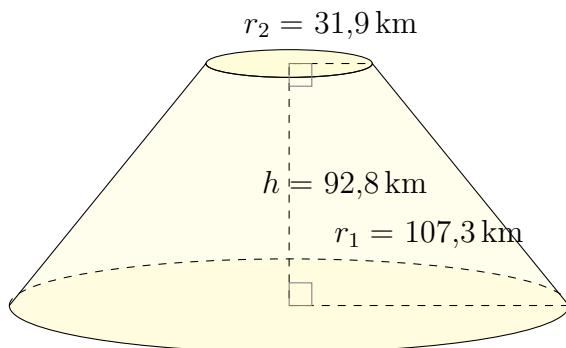
1.



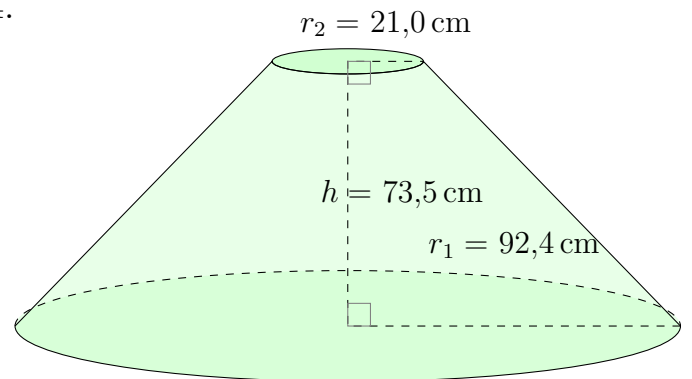
2.



3.



4.

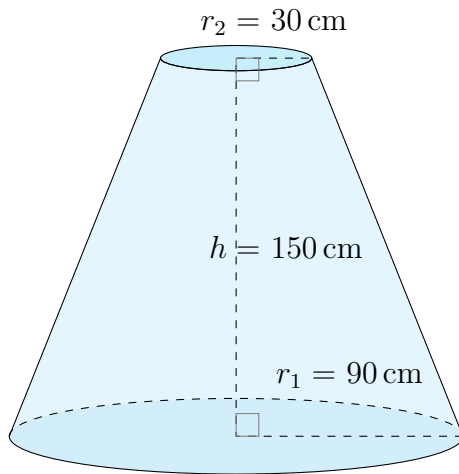


Aire et Volume d'un Tronc de Cône (B) Réponses

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

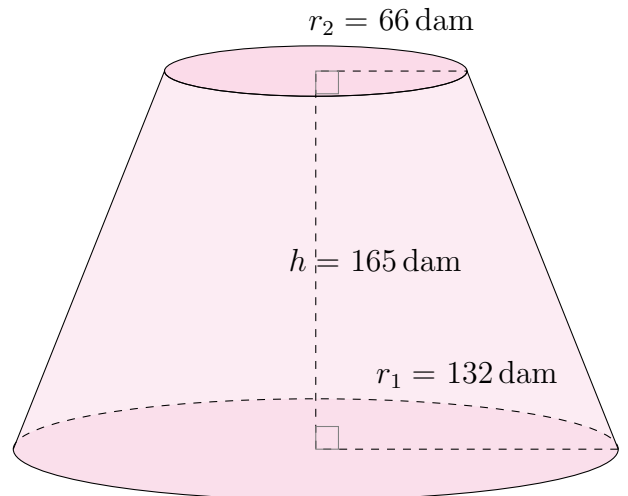
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



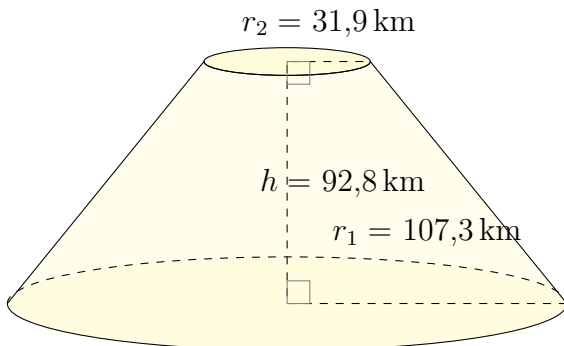
Aire: 89.179 cm^2
Volume: $1.837.832 \text{ cm}^3$

2.



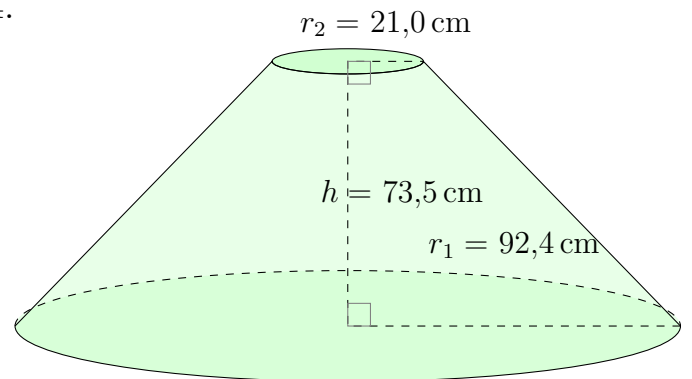
Aire: 178.966 dam^2
Volume: $5.268.639 \text{ dam}^3$

3.



Aire: $91.656,1 \text{ km}^2$
Volume: $1.550.386,3 \text{ km}^3$

4.



Aire: $64.713,4 \text{ cm}^2$
Volume: $840.437,0 \text{ cm}^3$