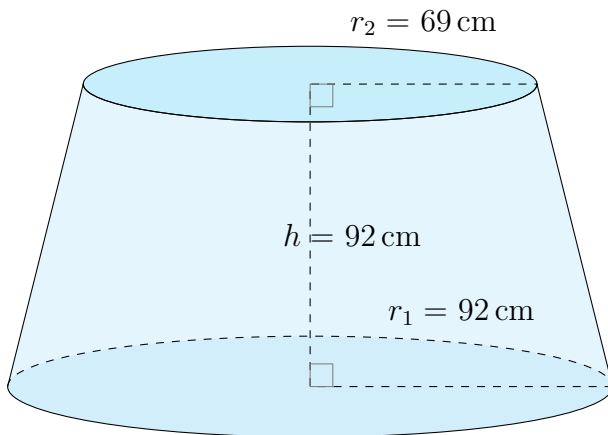


Aire et Volume d'un Tronc de Cône (J)

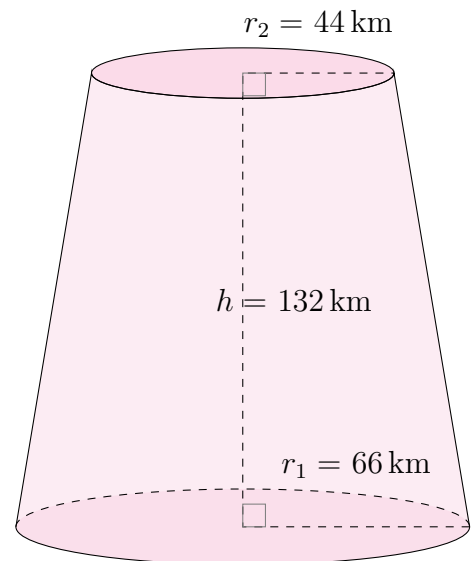
Calculez l'aire et le volume de chaque tronc de cône.

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

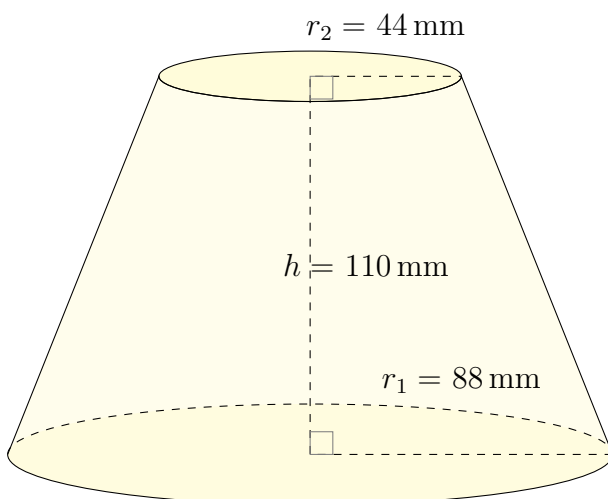
1.



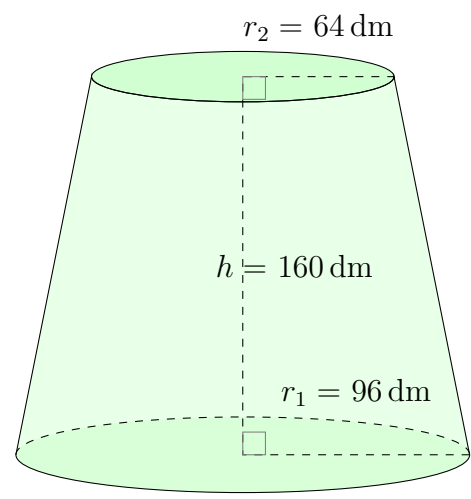
2.



3.



4.

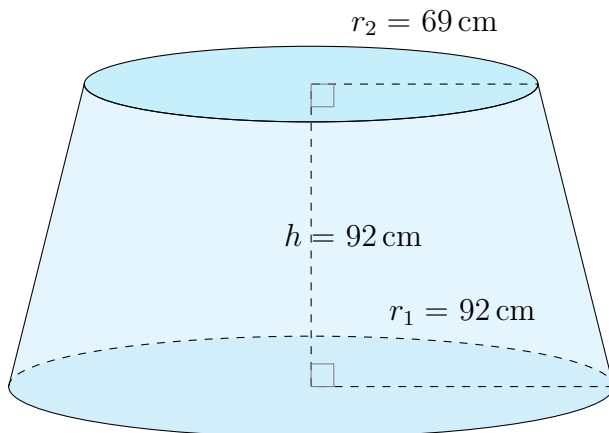


Aire et Volume d'un Tronc de Cône (J) Réponses

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

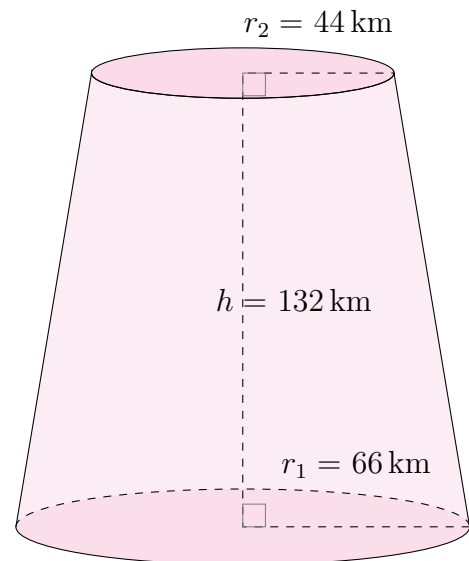
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



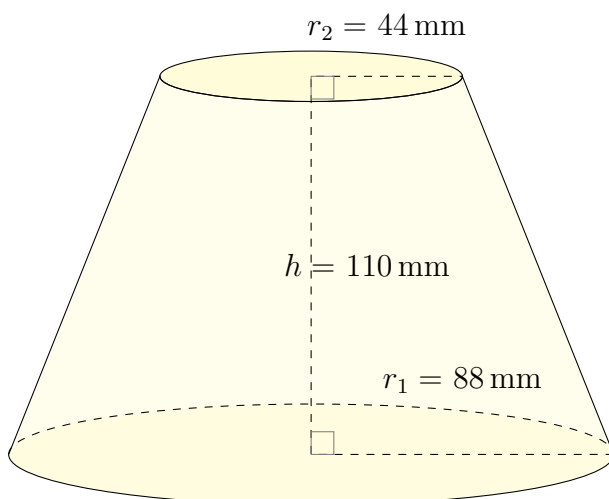
Aire: 89.513 cm^2
Volume: $1.885.705 \text{ cm}^3$

2.



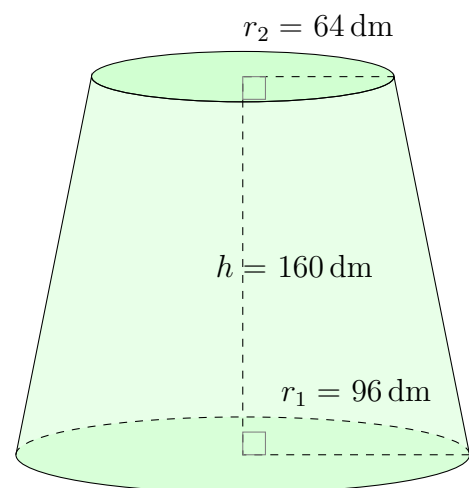
Aire: 66.012 km^2
Volume: $1.271.164 \text{ km}^3$

3.



Aire: 79.540 mm^2
Volume: $1.561.078 \text{ mm}^3$

4.



Aire: 123.838 dm^2
Volume: $3.259.884 \text{ dm}^3$