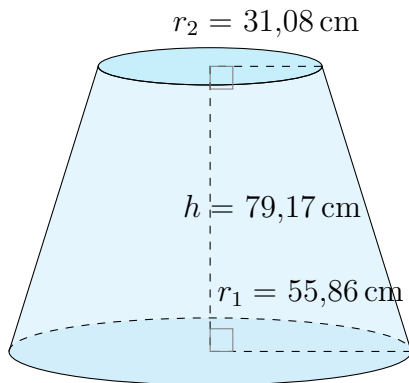


Aire et Volume d'un Tronc de Cône (D)

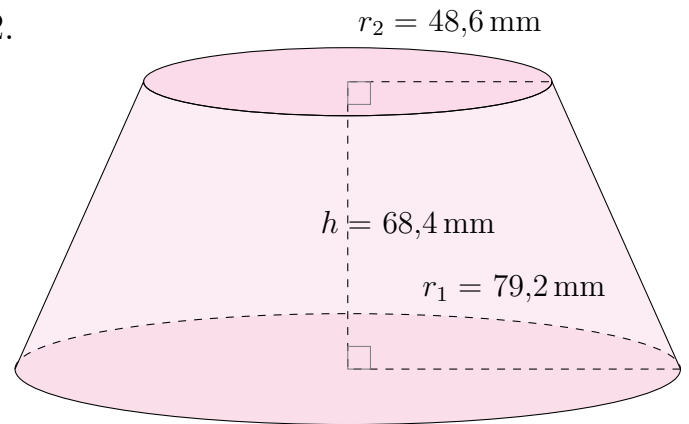
Calculez l'aire et le volume de chaque tronc de cône.

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

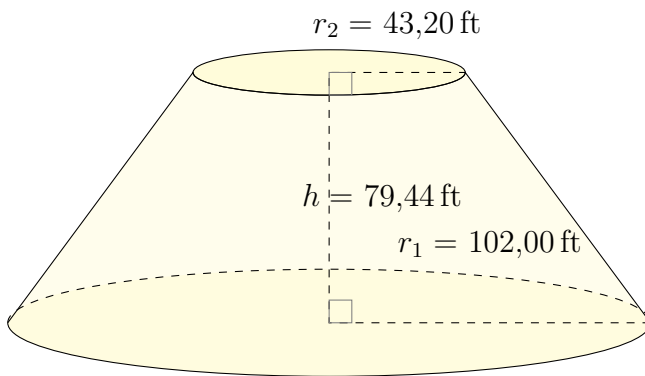
1.



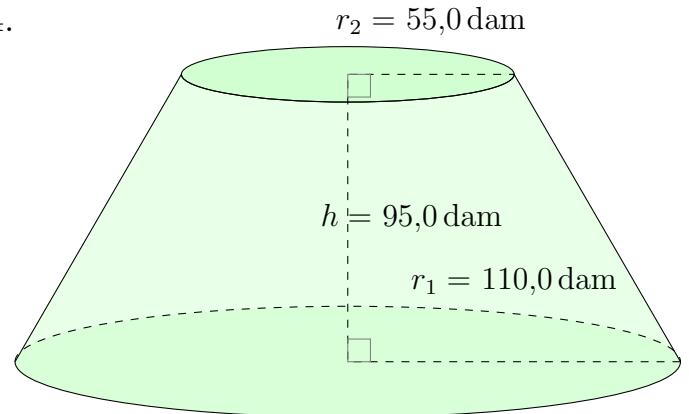
2.



3.



4.

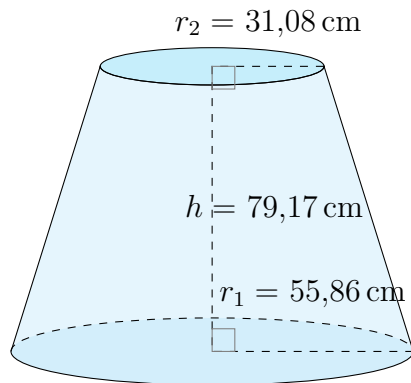


Aire et Volume d'un Tronc de Cône (D) Réponses

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

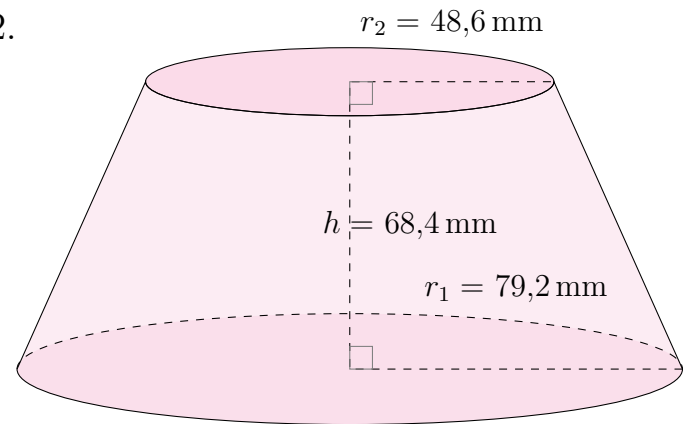
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



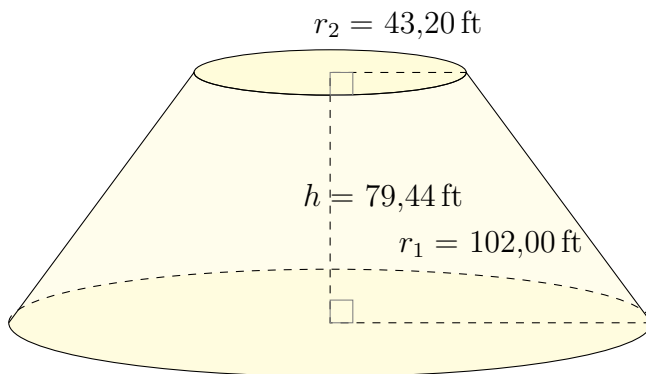
Aire: $35.495,68 \text{ cm}^2$
Volume: $482.718,45 \text{ cm}^3$

2.



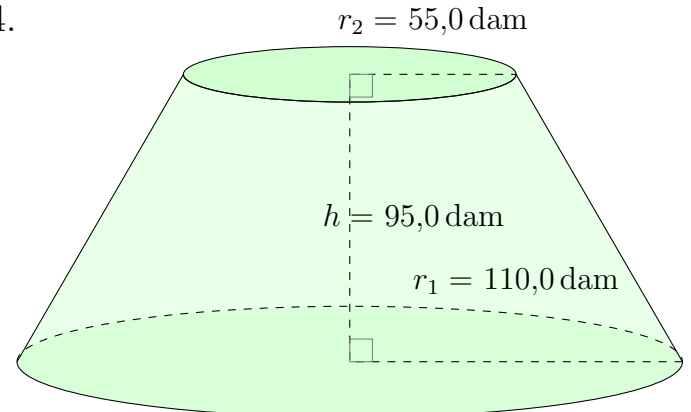
Aire: $57.211,6 \text{ mm}^2$
Volume: $894.187,8 \text{ mm}^3$

3.



Aire: $83.632,13 \text{ ft}^2$
Volume: $1.387.319,23 \text{ ft}^3$

4.



Aire: $104.418,6 \text{ dam}^2$
Volume: $2.106.568,8 \text{ dam}^3$