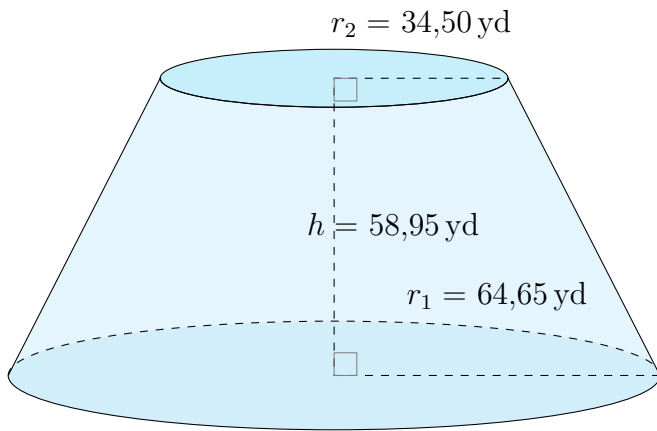


Aire et Volume d'un Tronc de Cône (C)

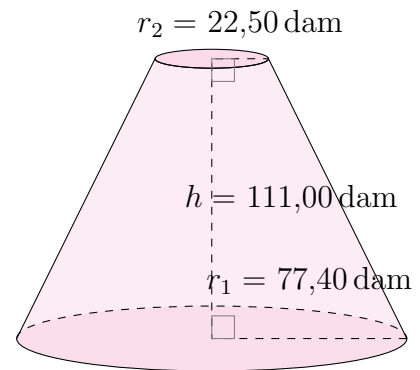
Calculez l'aire et le volume de chaque tronc de cône.

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

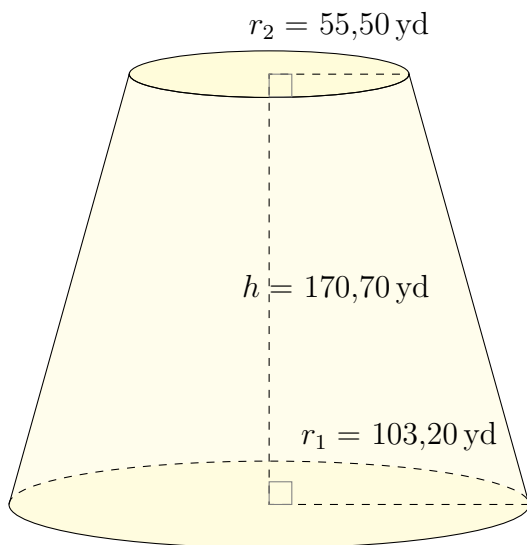
1.



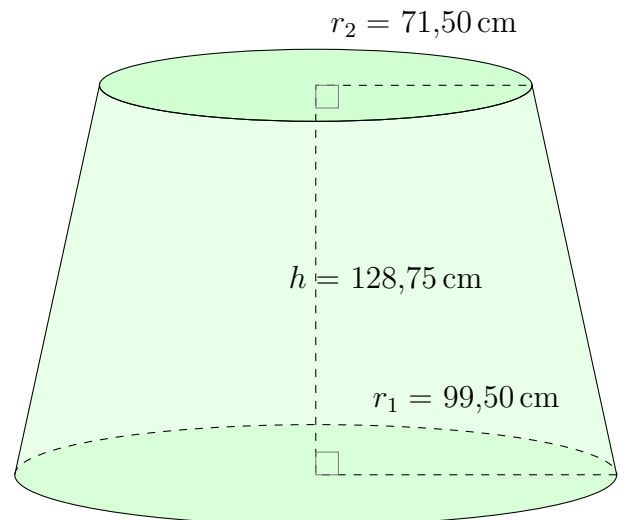
2.



3.



4.

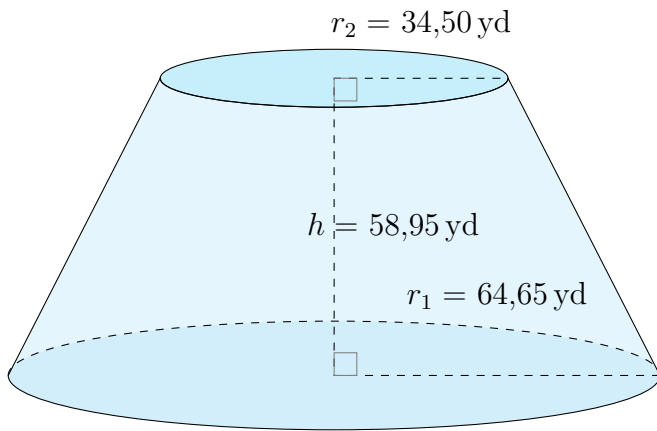


Aire et Volume d'un Tronc de Cône (C) Réponses

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

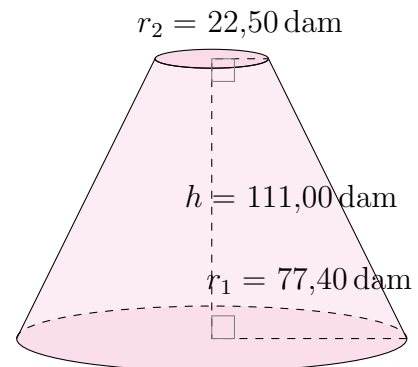
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



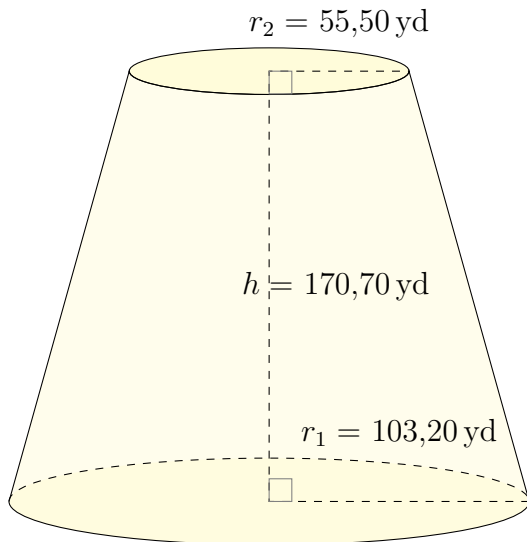
Aire: 37.494,48 yd²
Volume: 469.183,81 yd³

2.



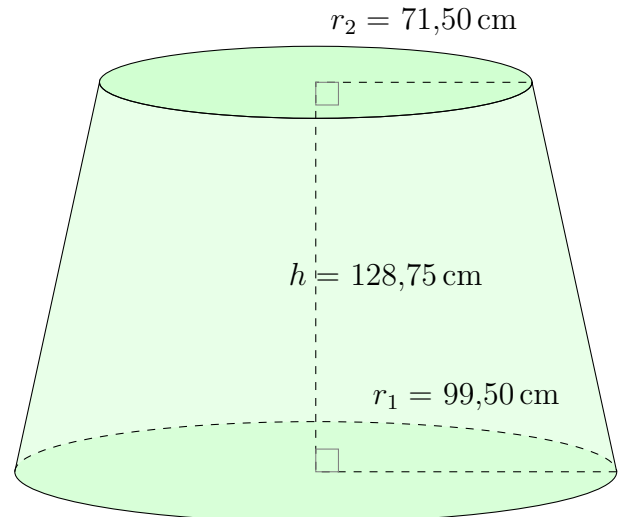
Aire: 59.275,84 dam²
Volume: 957.635,57 dam³

3.



Aire: 131.501,95 yd²
Volume: 3.478.262,44 yd³

4.



Aire: 117.945,98 cm²
Volume: 2.983.276,35 cm³