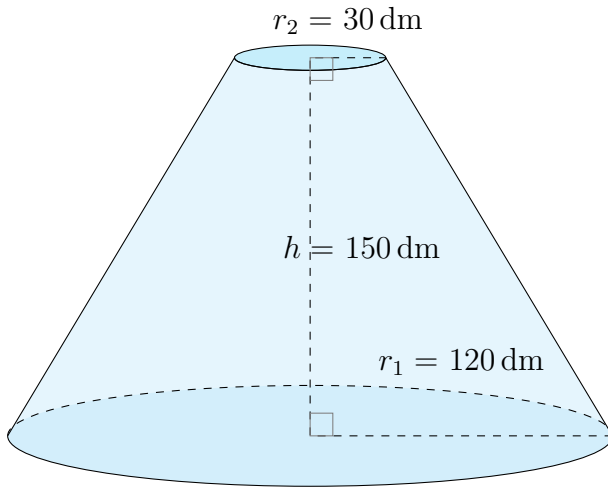


Aire et Volume d'un Tronc de Cône (G)

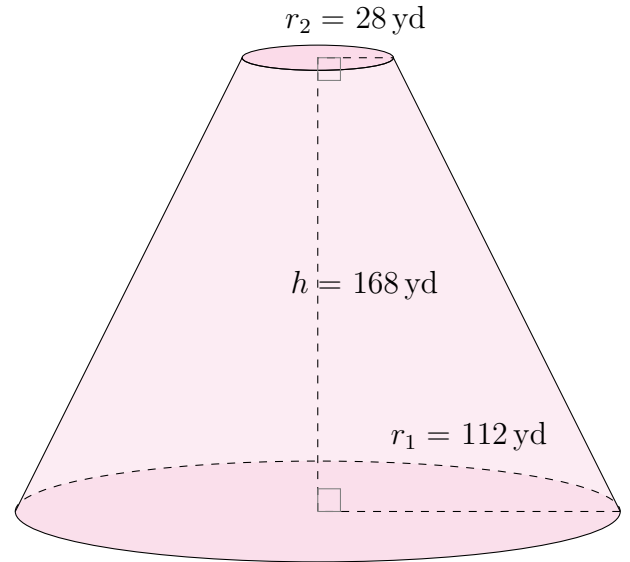
Calculez l'aire et le volume de chaque tronc de cône.

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

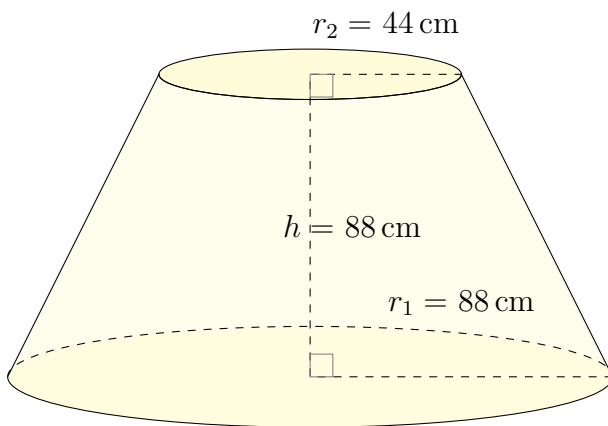
1.



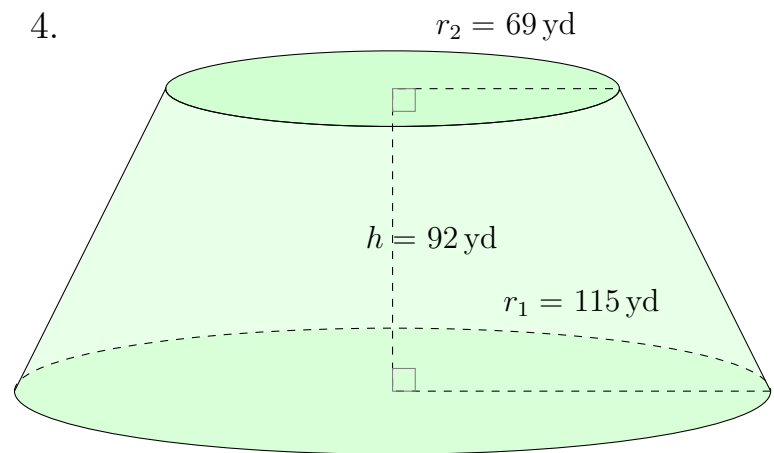
2.



3.



4.

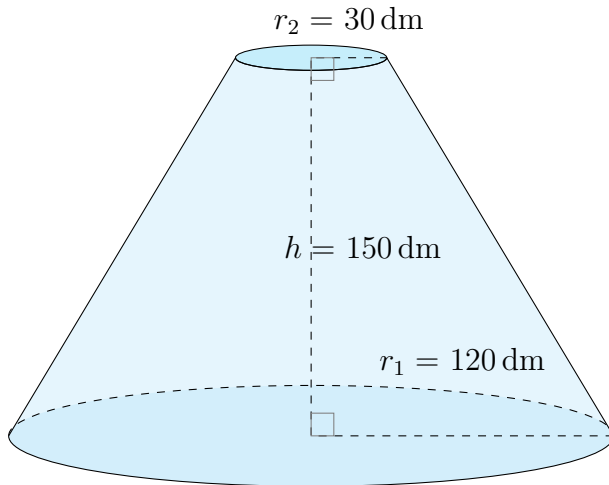


Aire et Volume d'un Tronc de Cône (G) Réponses

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

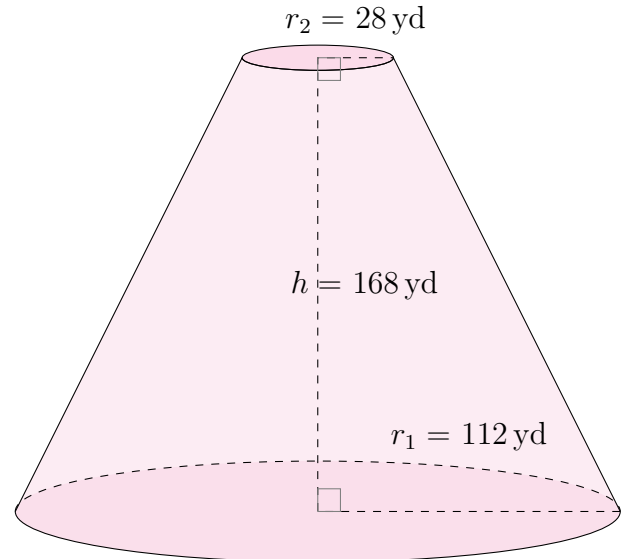
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



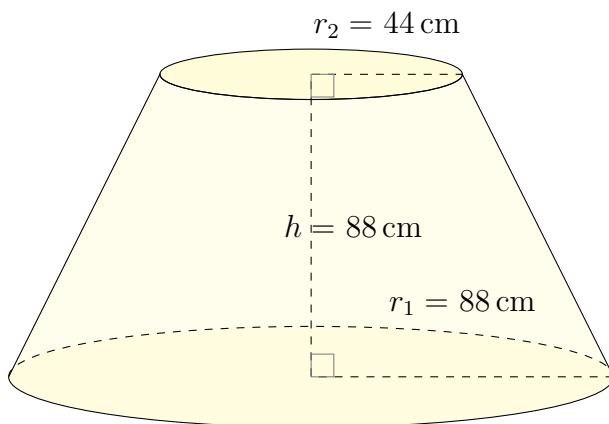
Aire: 130.500 dm^2
Volume: $2.968.805 \text{ dm}^3$

2.



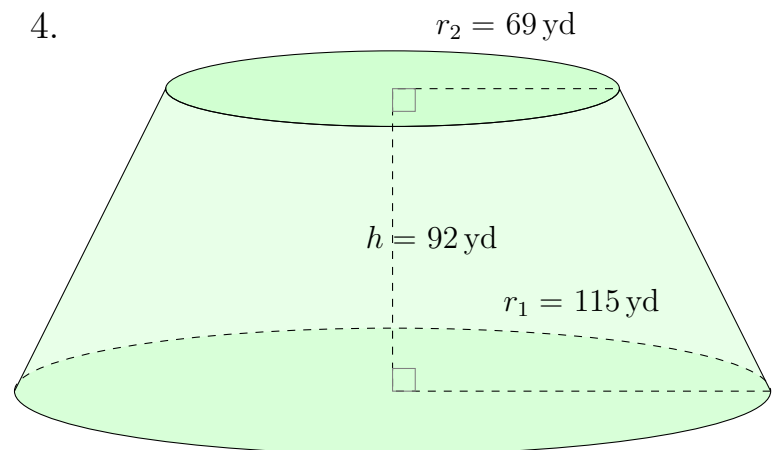
Aire: 124.483 yd^2
Volume: $2.896.498 \text{ yd}^3$

3.



Aire: 71.211 cm^2
Volume: $1.248.863 \text{ cm}^3$

4.



Aire: 115.963 yd^2
Volume: $2.497.286 \text{ yd}^3$