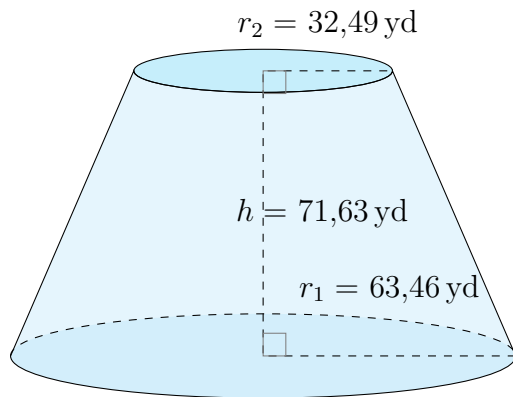


Aire et Volume d'un Tronc de Cône (E)

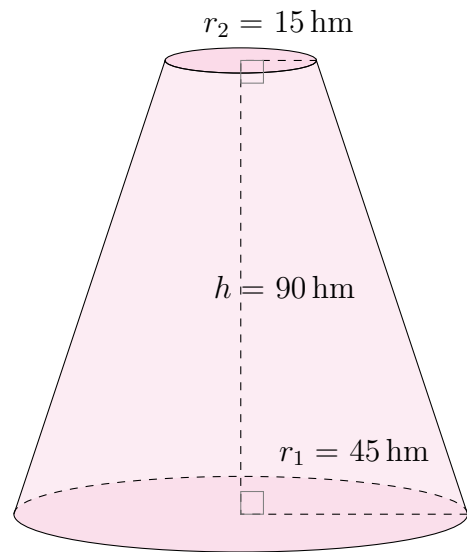
Calculez l'aire et le volume de chaque tronc de cône.

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

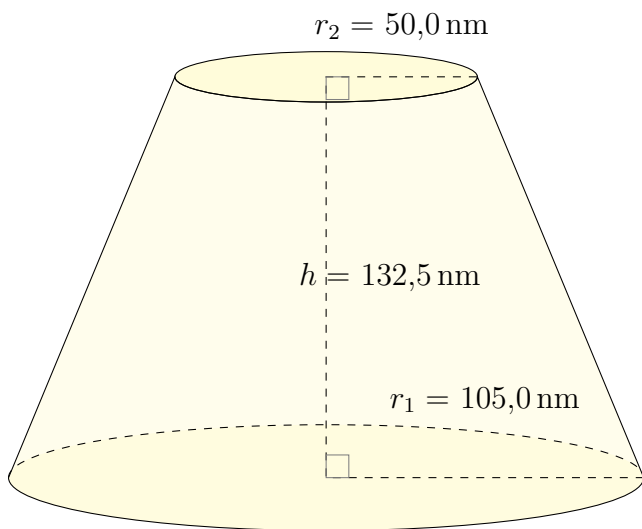
1.



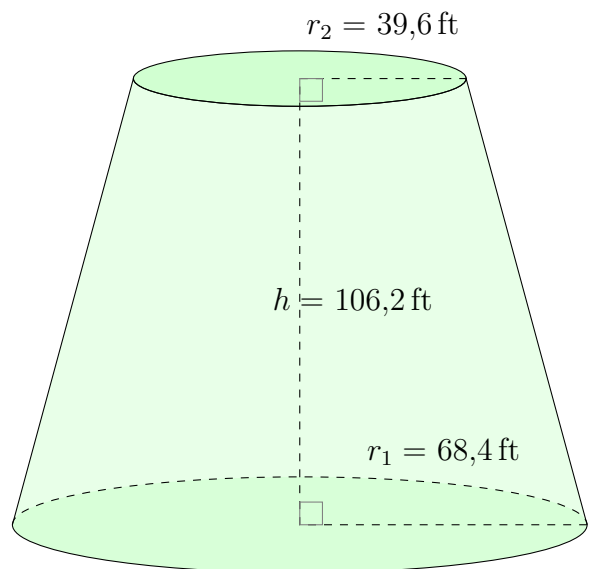
2.



3.



4.

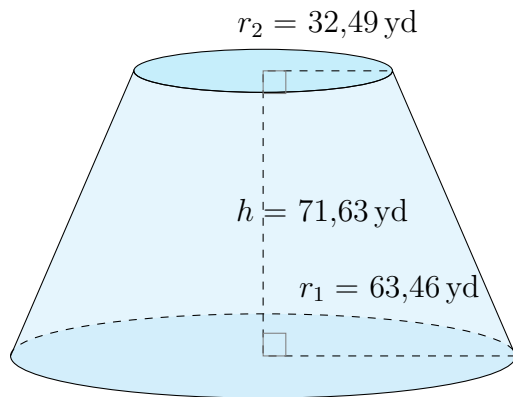


Aire et Volume d'un Tronc de Cône (E) Réponses

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

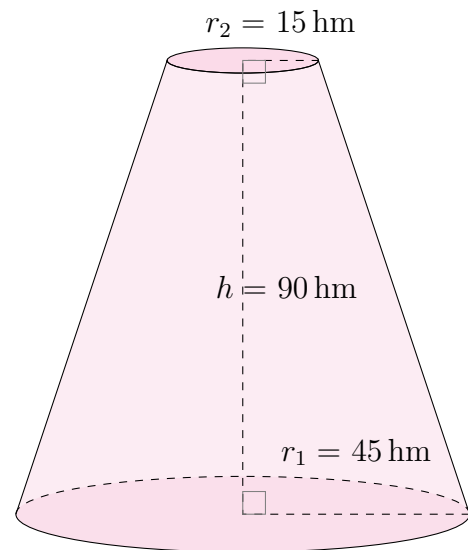
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



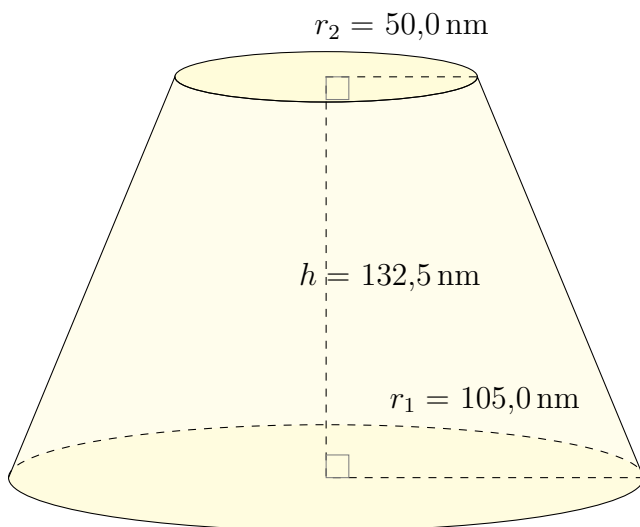
Aire: $39.491,58 \text{ yd}^2$
Volume: $535.920,91 \text{ yd}^3$

2.



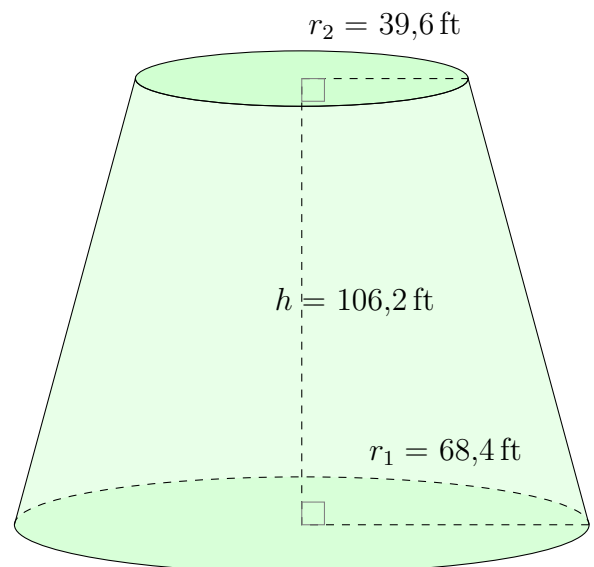
Aire: 24.951 hm^2
Volume: 275.675 hm^3

3.



Aire: $112.348,2 \text{ nm}^2$
Volume: $2.605.100,3 \text{ nm}^3$

4.



Aire: $56.958,9 \text{ ft}^2$
Volume: $995.946,9 \text{ ft}^3$