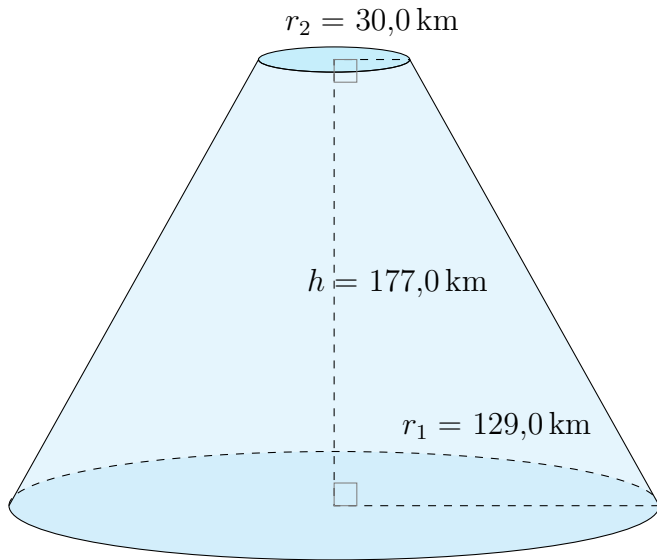


Aire et Volume d'un Tronc de Cône (J)

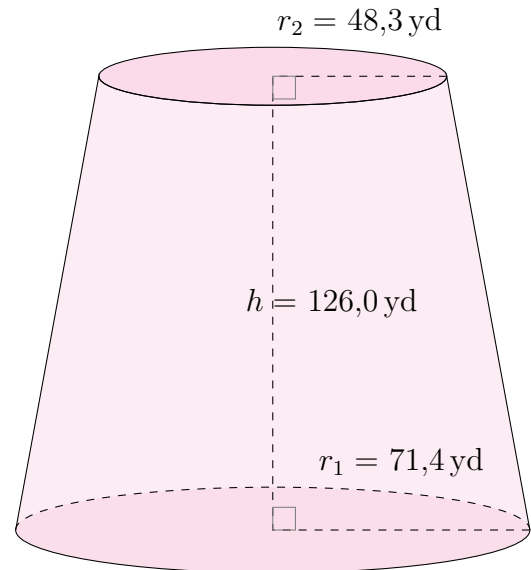
Calculez l'aire et le volume de chaque tronc de cône.

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

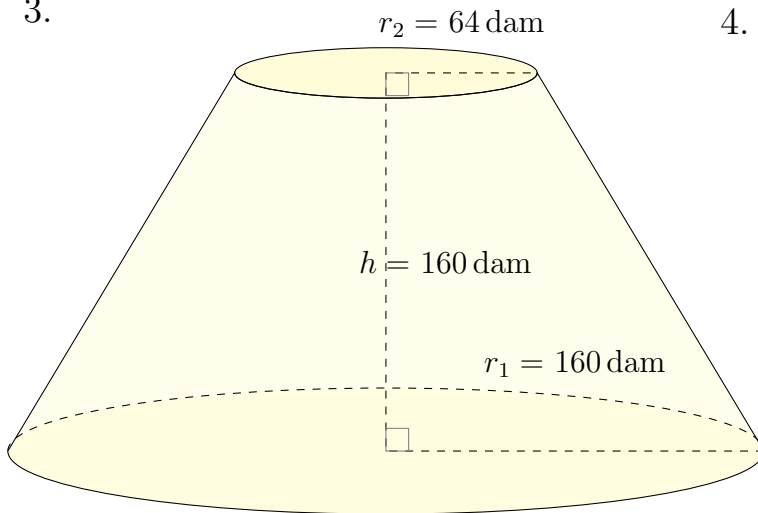
1.



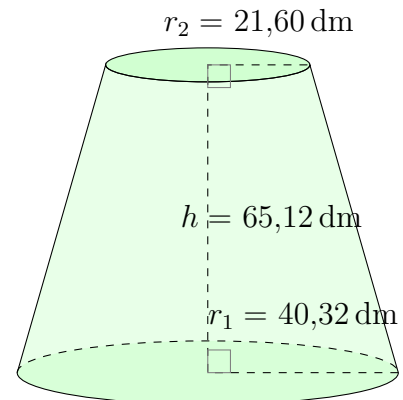
2.



3.



4.

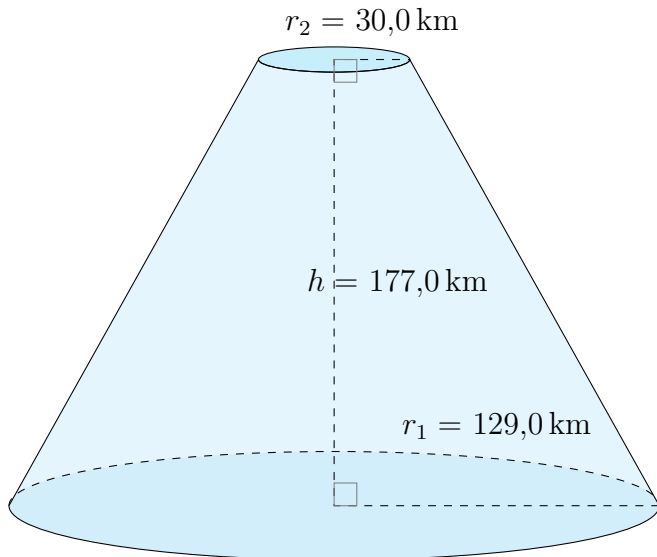


Aire et Volume d'un Tronc de Cône (J) Réponses

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

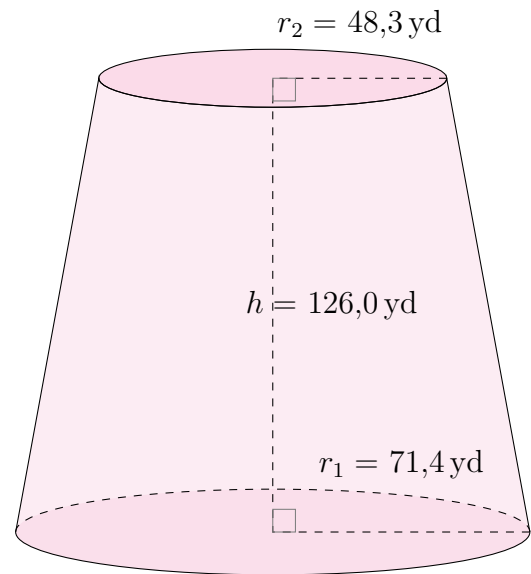
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



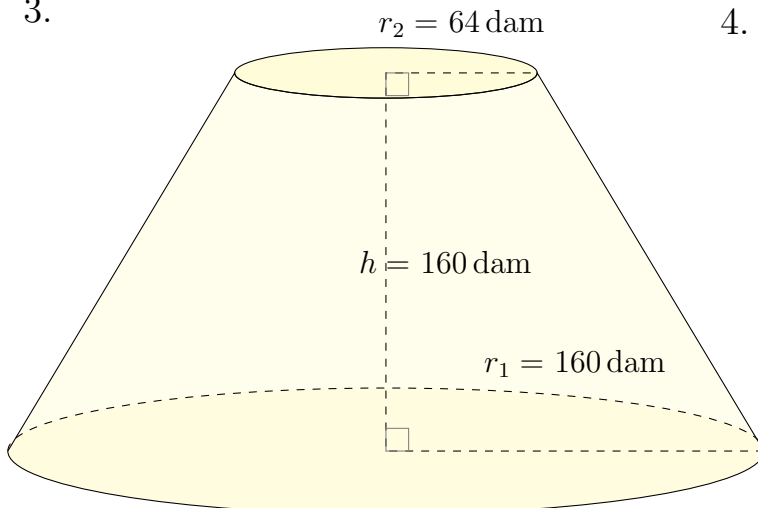
Aire: $156.410,6 \text{ km}^2$
Volume: $3.968.613,8 \text{ km}^3$

2.



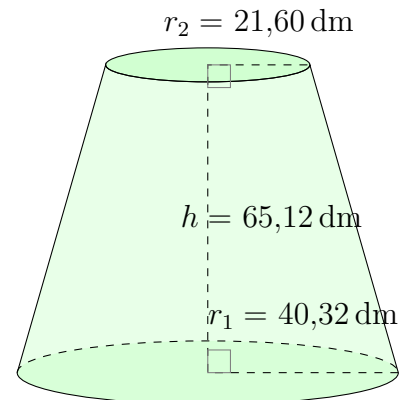
Aire: $71.516,5 \text{ yd}^2$
Volume: $1.435.512,2 \text{ yd}^3$

3.



Aire: 224.600 dam^2
Volume: $6.691.341 \text{ dam}^3$

4.



Aire: $19.753,69 \text{ dm}^2$
Volume: $202.069,25 \text{ dm}^3$