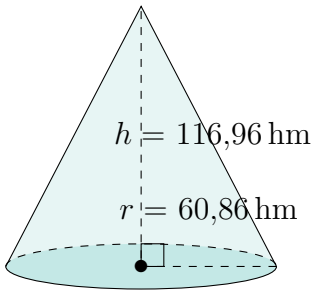
Aire et Volume d'un Cône (D)

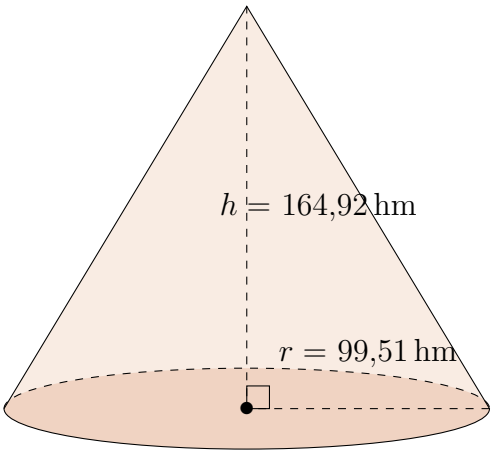
Calculez l'aire et le volume de chaque cône.

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

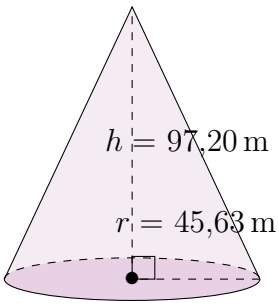
1.



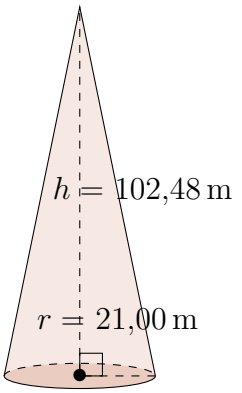
2.



3.



4.

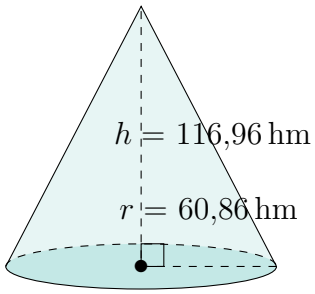


Aire et Volume d'un Cône (D) Réponses

Calculez l'aire et le volume de chaque cône.

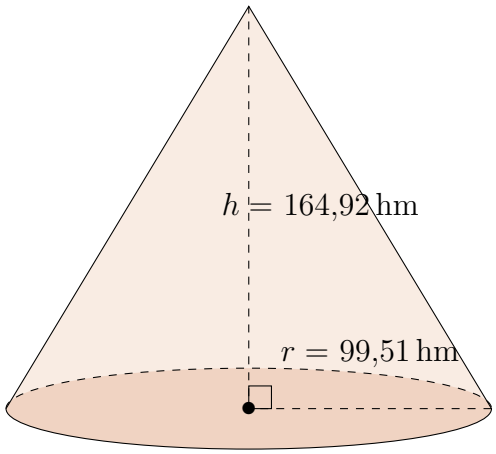
$$\text{Aire} = \pi r(r + \sqrt{h^2 + r^2}) \quad \text{Volume} = \pi r^2 \frac{h}{3}$$

1.



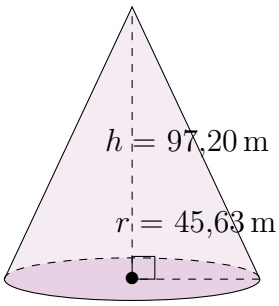
Aire: $36.845{,}03\,\text{hm}^2$
Volume: $453.659{,}36\,\text{hm}^3$

2.



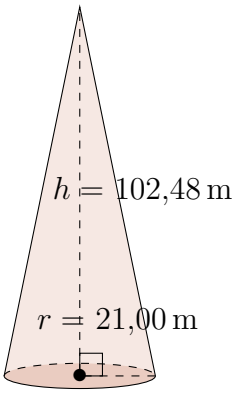
Aire: $91.324{,}33\,\text{hm}^2$
Volume: $1.710.154{,}69\,\text{hm}^3$

3.



Aire: $21.933{,}76\,\text{m}^2$
Volume: $211.931{,}65\,\text{m}^3$

4.



Aire: $8286{,}89\,\text{m}^2$
Volume: $47.326{,}71\,\text{m}^3$