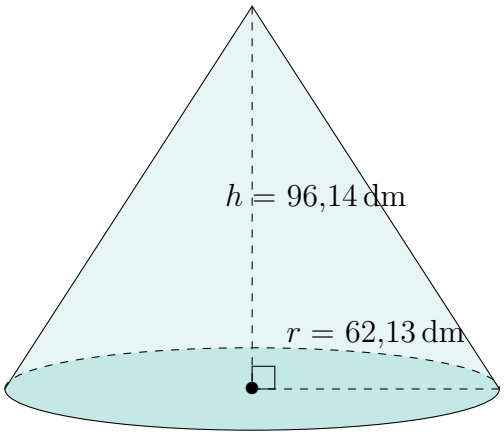
Aire et Volume d'un Cône (G)

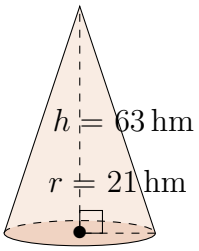
Calculez l'aire et le volume de chaque cône.

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

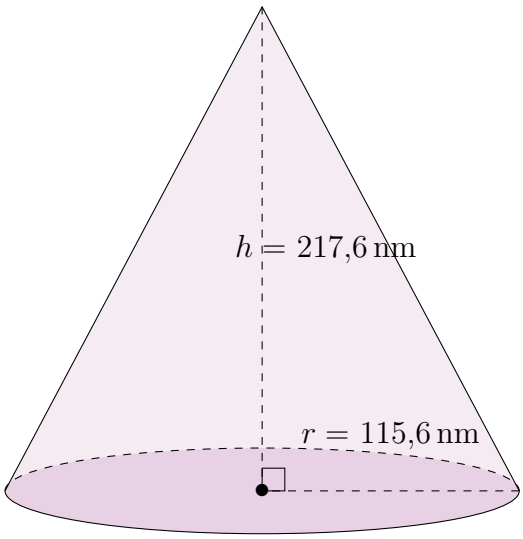
1.



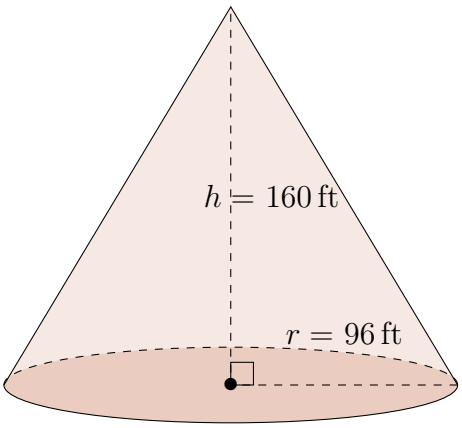
2.



3.



4.

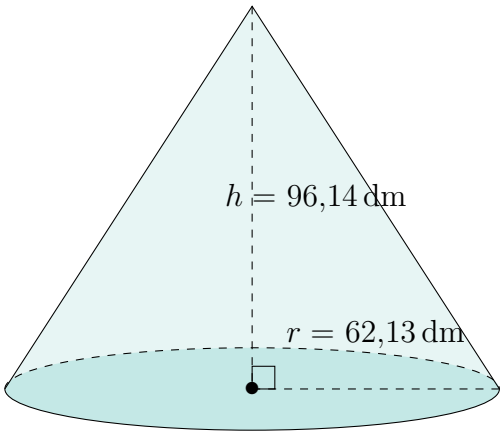


Aire et Volume d'un Cône (G) Réponses

Calculez l'aire et le volume de chaque cône.

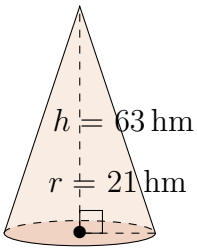
$$\text{Aire} = \pi r(r + \sqrt{h^2 + r^2}) \quad \text{Volume} = \pi r^2 \frac{h}{3}$$

1.



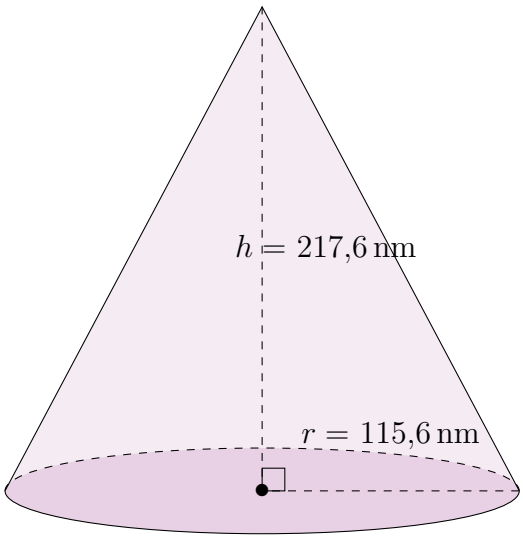
Aire: $34.469{,}76\,\text{dm}^2$
Volume: $388.629{,}21\,\text{dm}^3$

2.



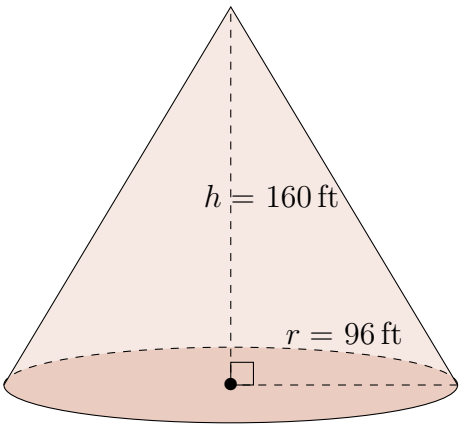
Aire: $5767\,\text{hm}^2$
Volume: $29.094\,\text{hm}^3$

3.



Aire: $131.467{,}0\,\text{nm}^2$
Volume: $3.045.111{,}3\,\text{nm}^3$

4.



Aire: $85.227\,\text{ft}^2$
Volume: $1.544.156\,\text{ft}^3$