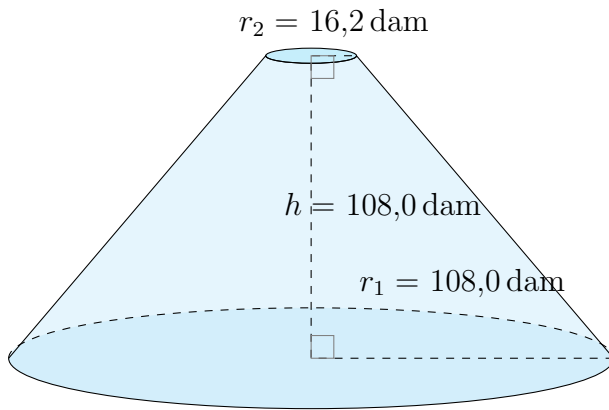


# Aire et Volume d'un Tronc de Cône (A)

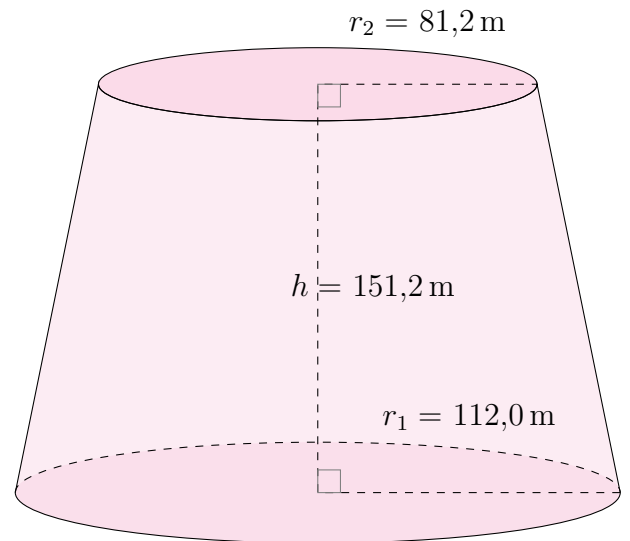
Calculez l'aire et le volume de chaque tronc de cône.

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

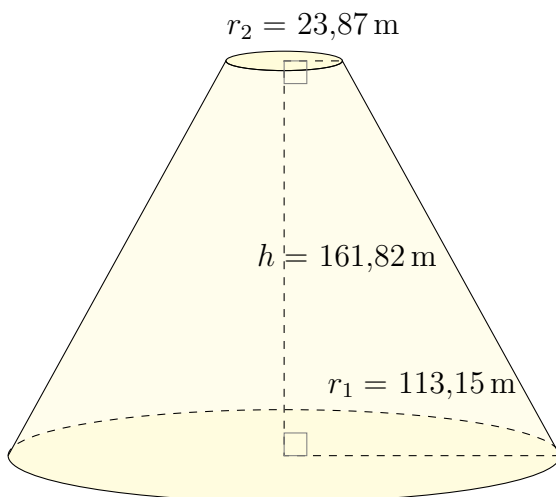
1.



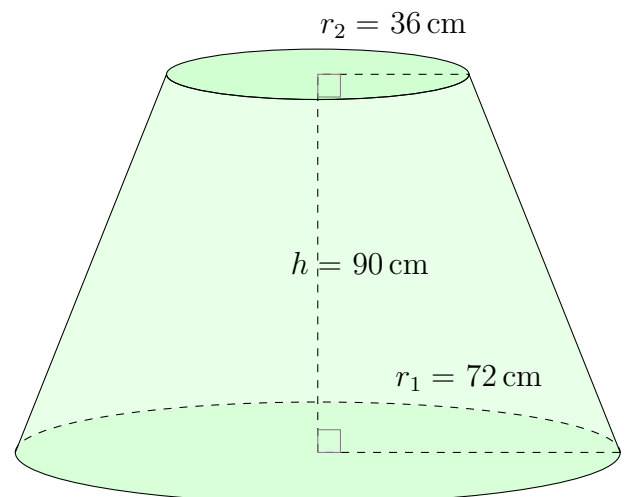
2.



3.



4.

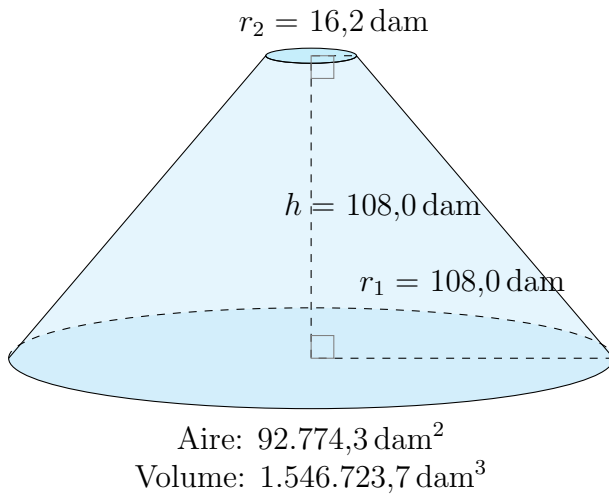


# Aire et Volume d'un Tronc de Cône (A) Réponses

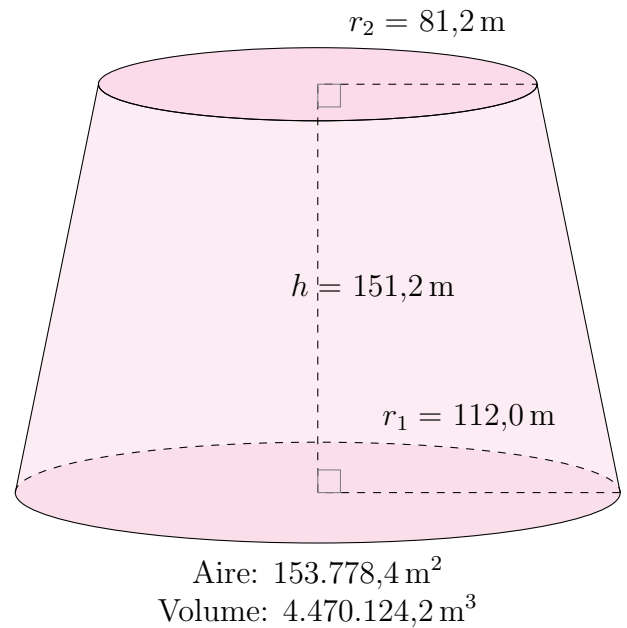
Calculez l'aire et le volume de chaque tronc de cône.

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

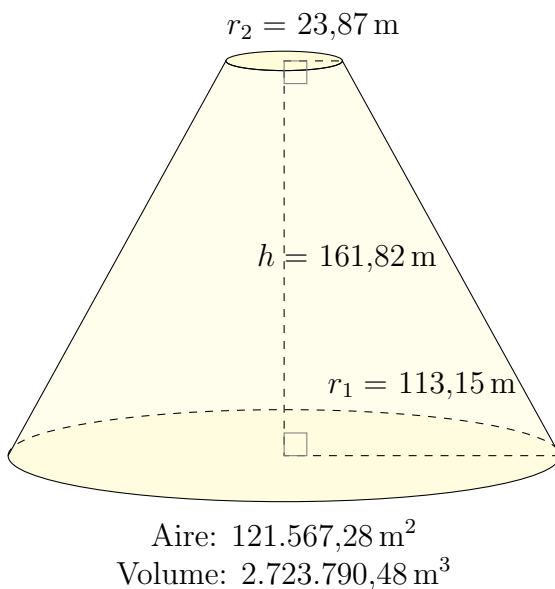
1.



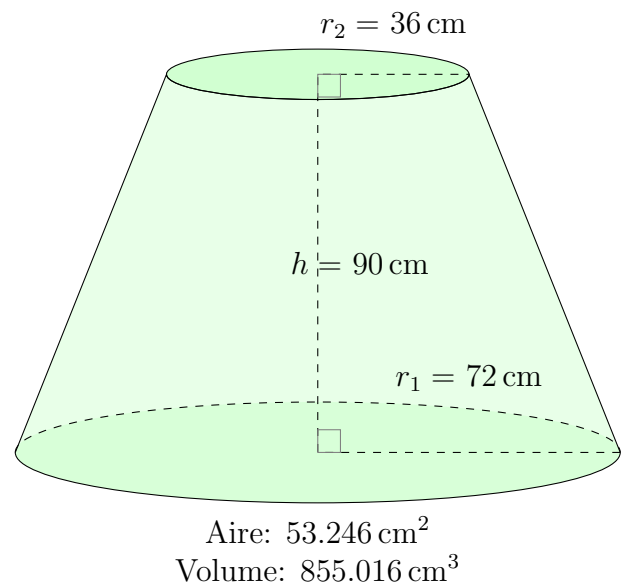
2.



3.



4.

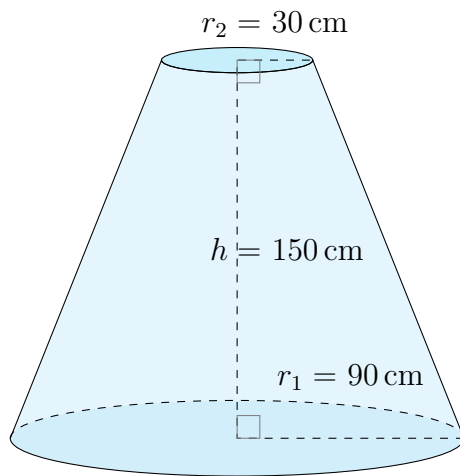


## Aire et Volume d'un Tronc de Cône (B)

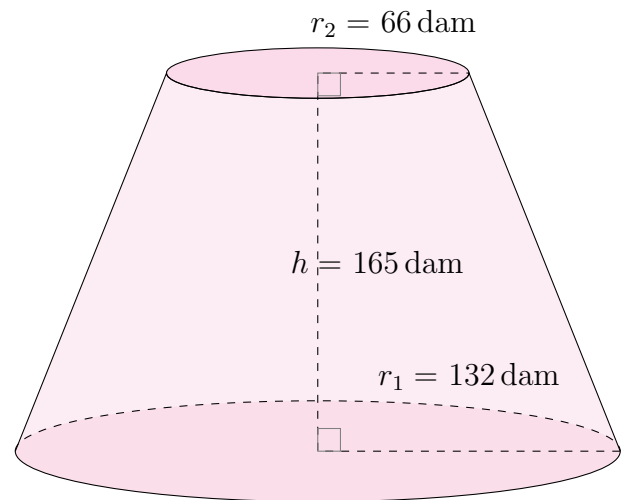
Calculez l'aire et le volume de chaque tronc de cône.

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

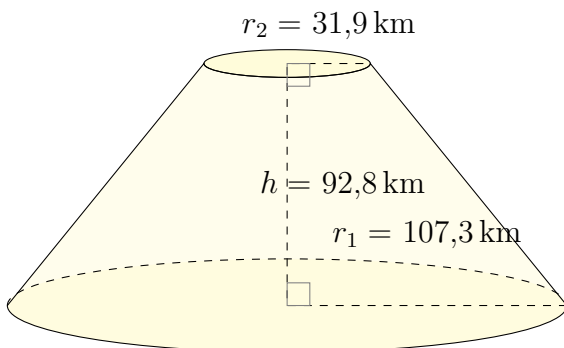
1.



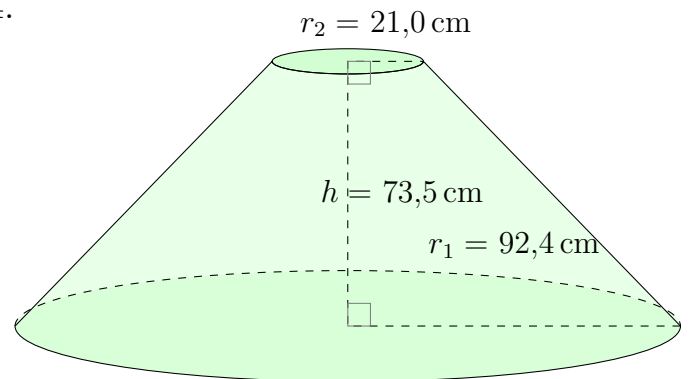
2.



3.



4.

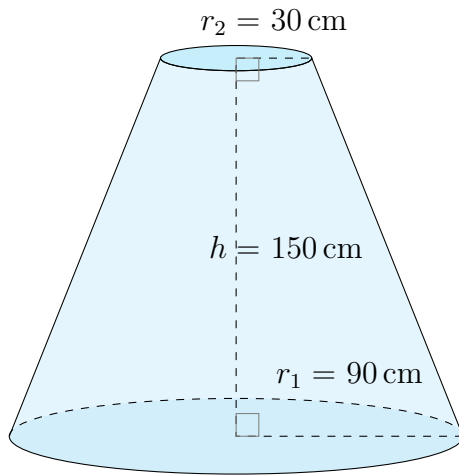


# Aire et Volume d'un Tronc de Cône (B) Réponses

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

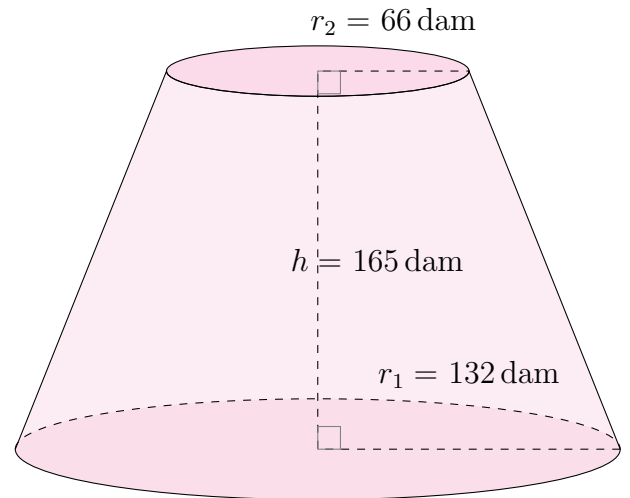
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



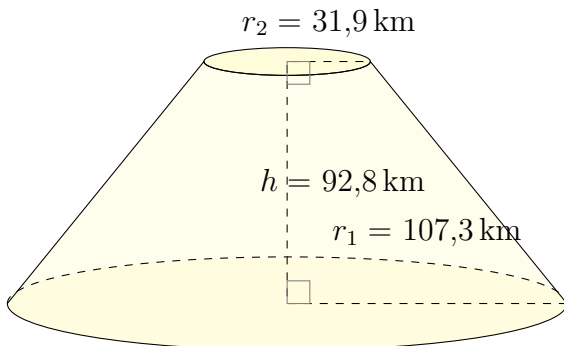
Aire:  $89.179 \text{ cm}^2$   
Volume:  $1.837.832 \text{ cm}^3$

2.



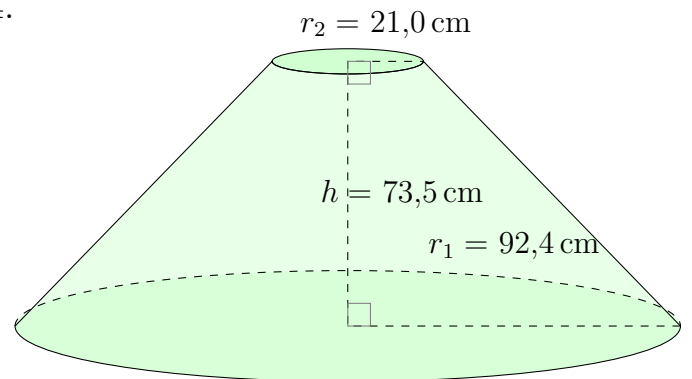
Aire:  $178.966 \text{ dam}^2$   
Volume:  $5.268.639 \text{ dam}^3$

3.



Aire:  $91.656,1 \text{ km}^2$   
Volume:  $1.550.386,3 \text{ km}^3$

4.



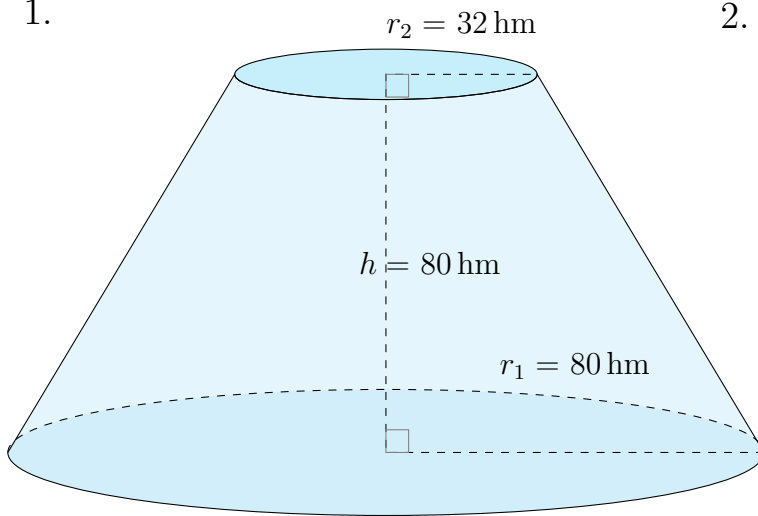
Aire:  $64.713,4 \text{ cm}^2$   
Volume:  $840.437,0 \text{ cm}^3$

# Aire et Volume d'un Tronc de Cône (C)

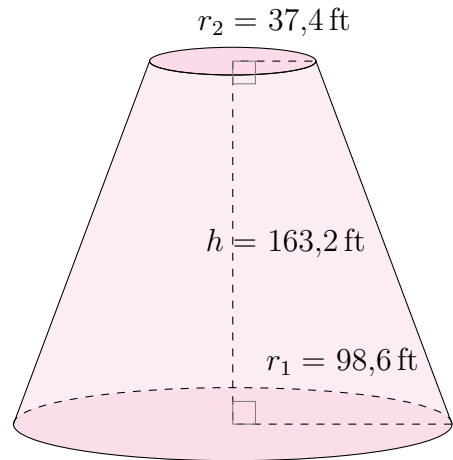
Calculez l'aire et le volume de chaque tronc de cône.

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

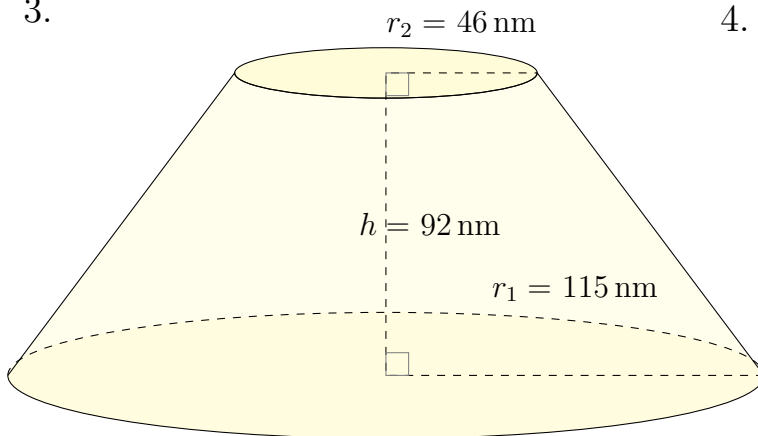
1.



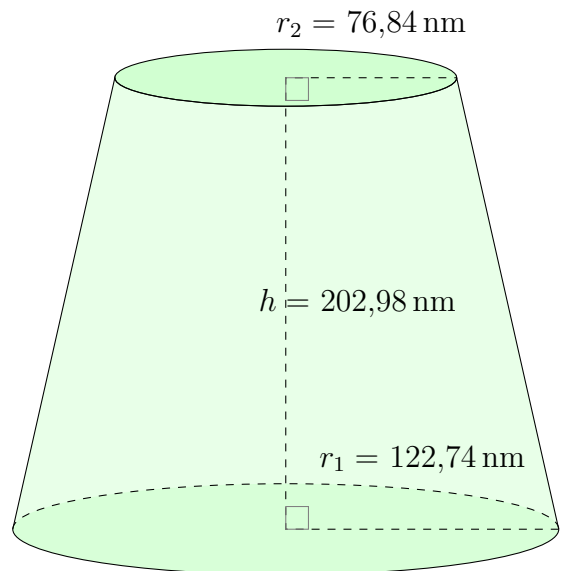
2.



3.



4.

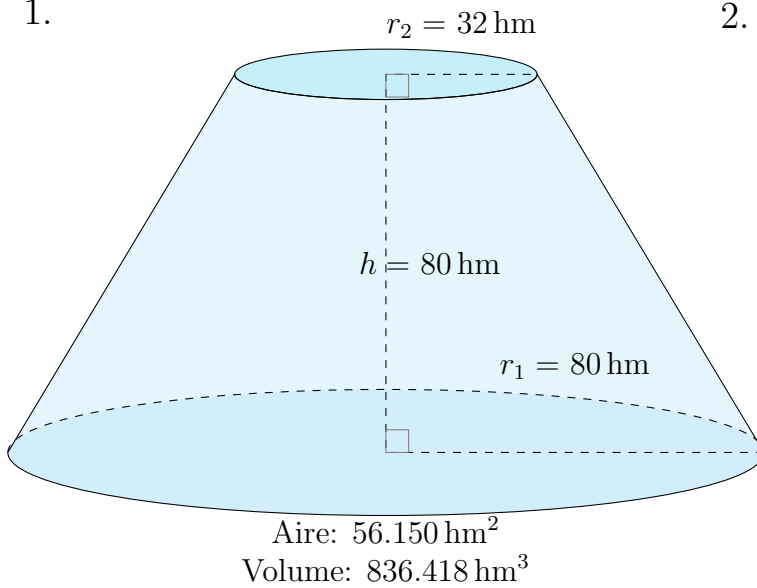


# Aire et Volume d'un Tronc de Cône (C) Réponses

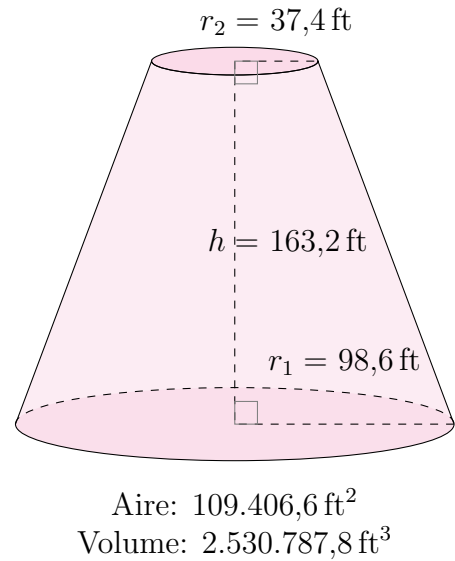
Calculez l'aire et le volume de chaque tronc de cône.

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

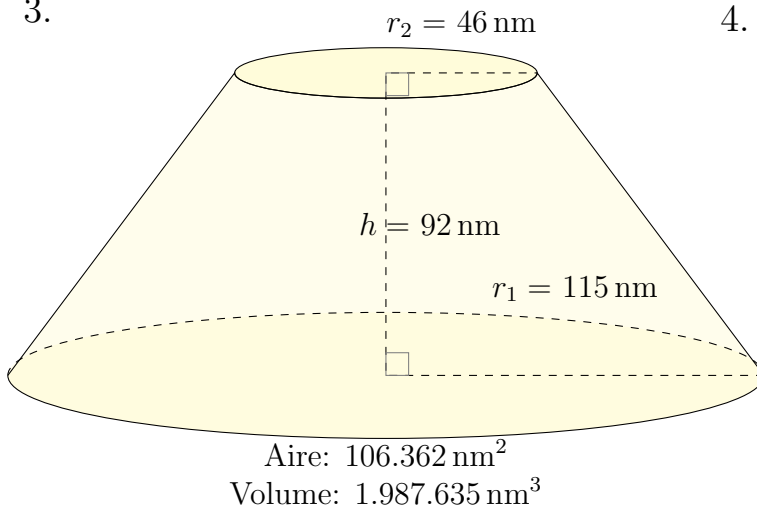
1.



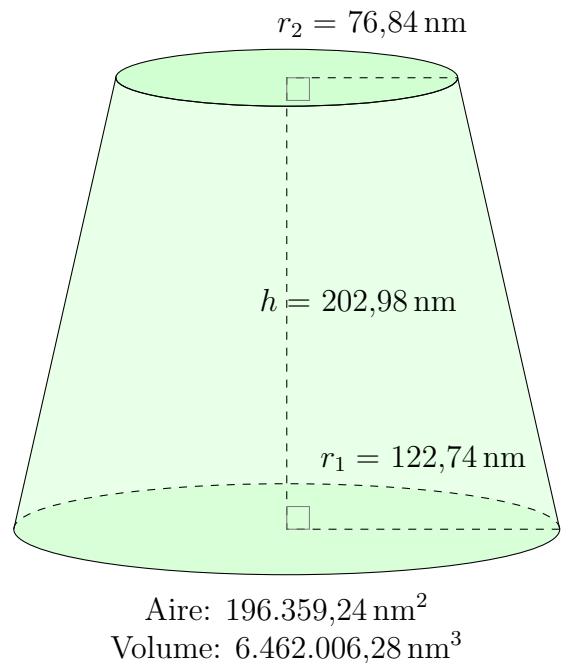
2.



3.



4.

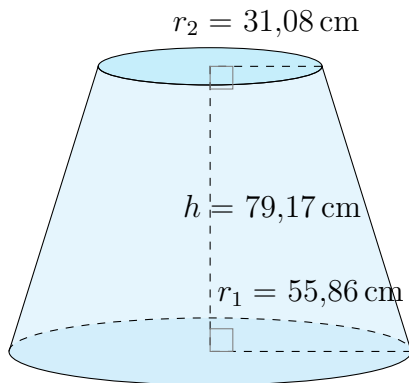


## Aire et Volume d'un Tronc de Cône (D)

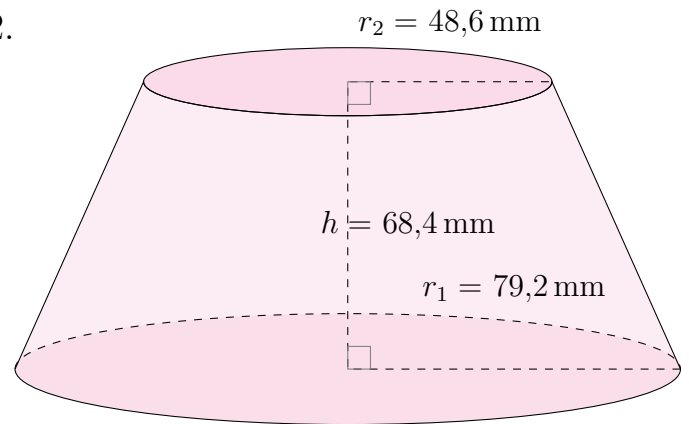
Calculez l'aire et le volume de chaque tronc de cône.

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

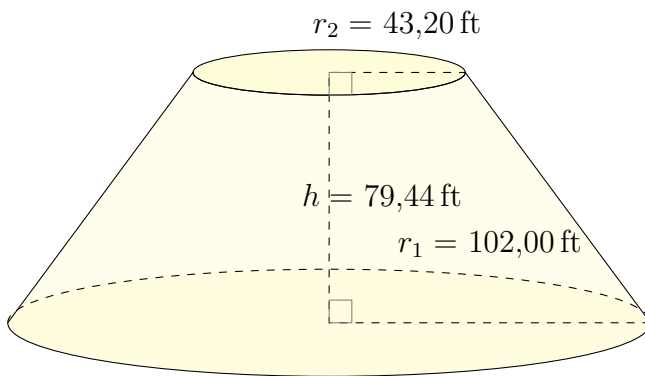
1.



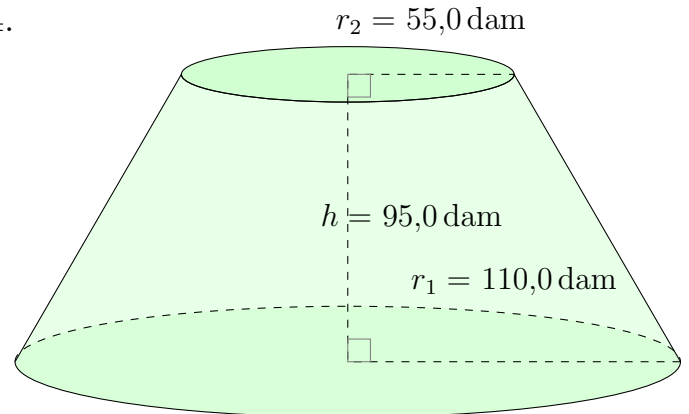
2.



3.



4.

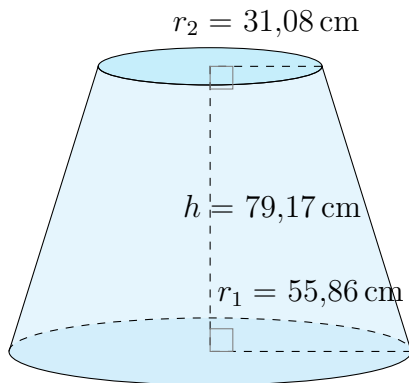


# Aire et Volume d'un Tronc de Cône (D) Réponses

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

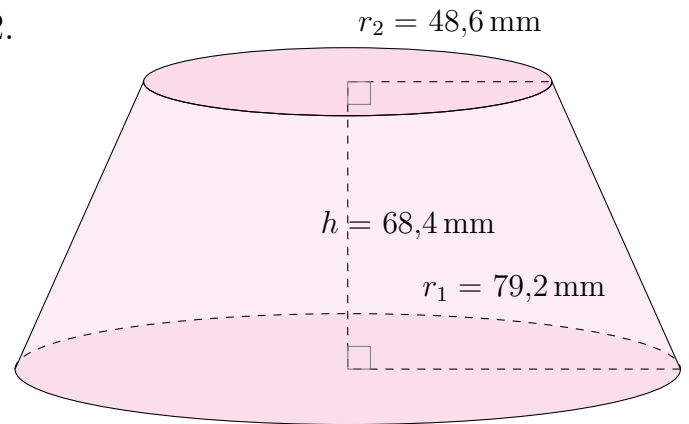
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



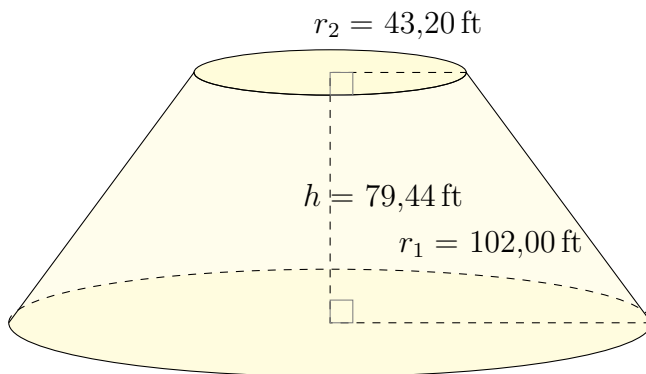
Aire:  $35.495,68 \text{ cm}^2$   
Volume:  $482.718,45 \text{ cm}^3$

2.



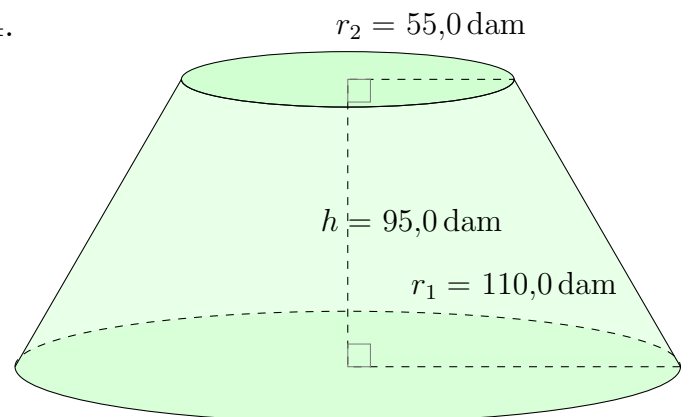
Aire:  $57.211,6 \text{ mm}^2$   
Volume:  $894.187,8 \text{ mm}^3$

3.



Aire:  $83.632,13 \text{ ft}^2$   
Volume:  $1.387.319,23 \text{ ft}^3$

4.



Aire:  $104.418,6 \text{ dam}^2$   
Volume:  $2.106.568,8 \text{ dam}^3$

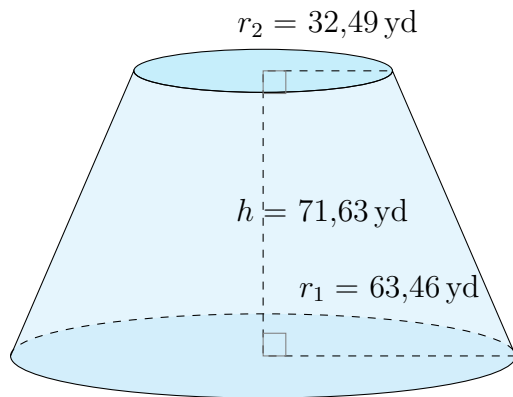


# Aire et Volume d'un Tronc de Cône (E)

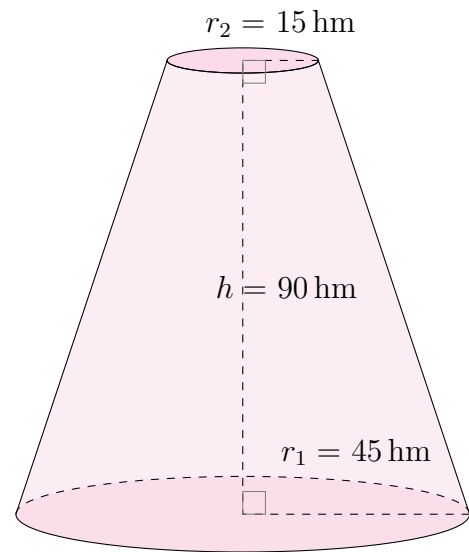
Calculez l'aire et le volume de chaque tronc de cône.

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

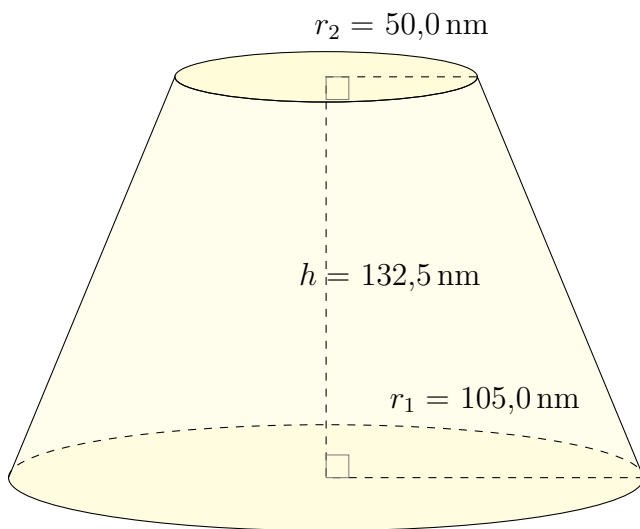
1.



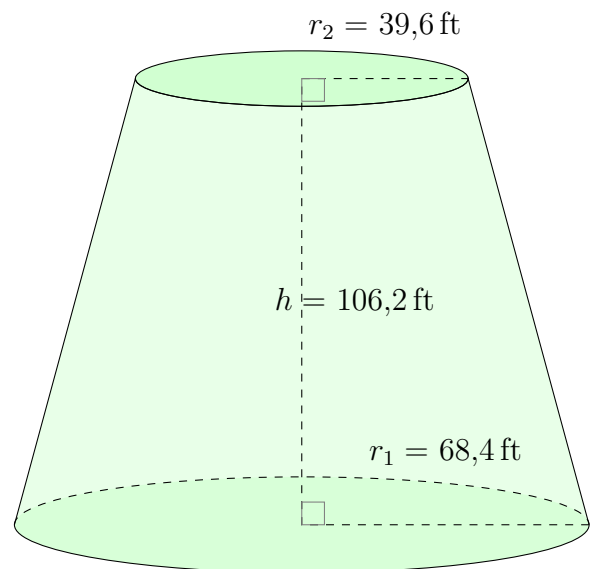
2.



3.



4.

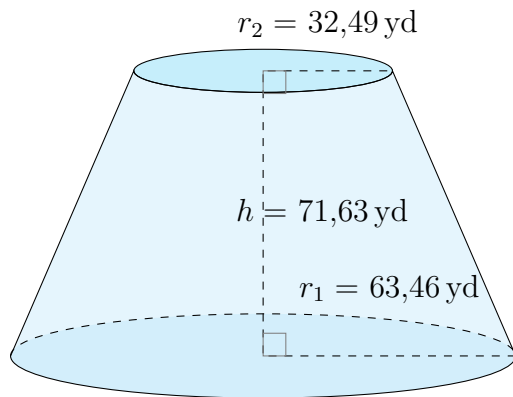


# Aire et Volume d'un Tronc de Cône (E) Réponses

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

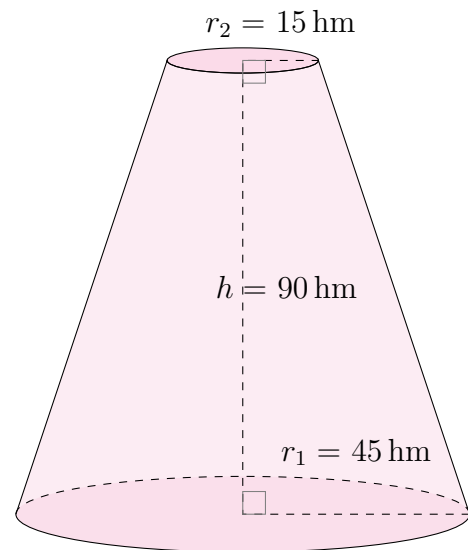
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



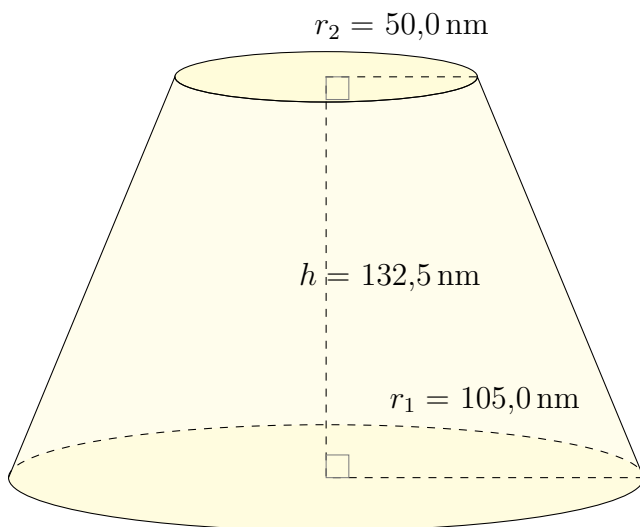
Aire: 39.491,58 yd<sup>2</sup>  
Volume: 535.920,91 yd<sup>3</sup>

2.



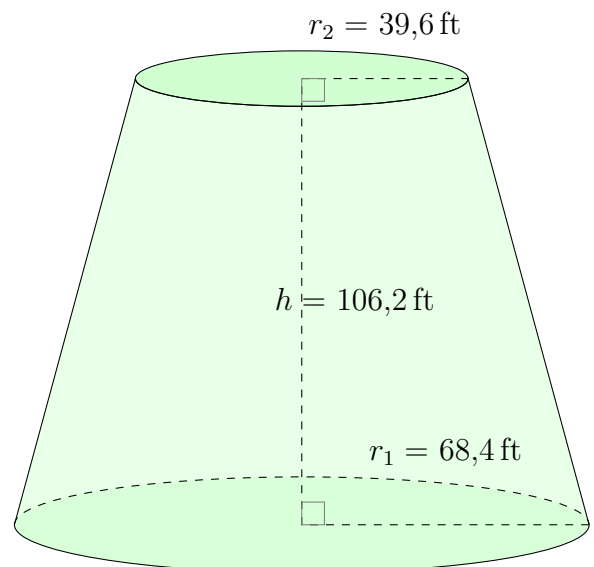
Aire: 24.951 hm<sup>2</sup>  
Volume: 275.675 hm<sup>3</sup>

3.



Aire: 112.348,2 nm<sup>2</sup>  
Volume: 2.605.100,3 nm<sup>3</sup>

4.



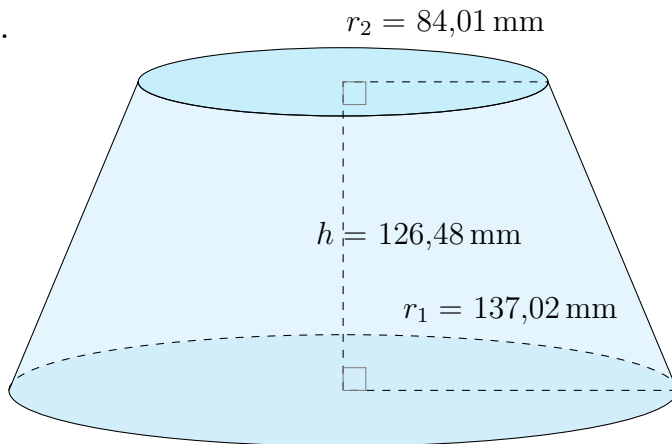
Aire: 56.958,9 ft<sup>2</sup>  
Volume: 995.946,9 ft<sup>3</sup>

# Aire et Volume d'un Tronc de Cône (F)

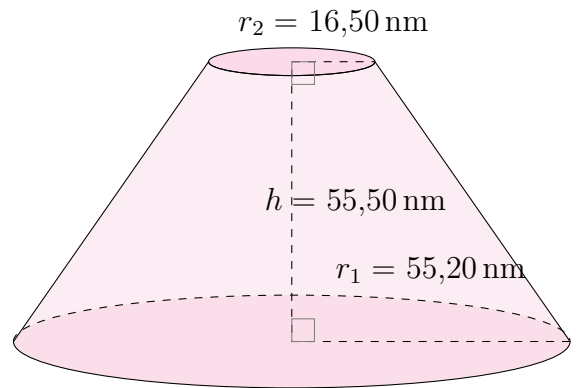
Calculez l'aire et le volume de chaque tronc de cône.

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

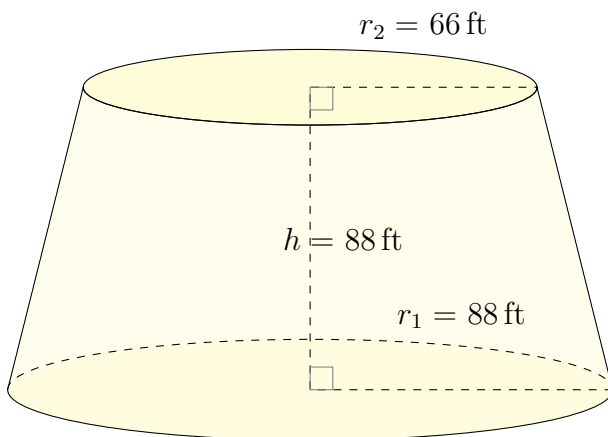
1.



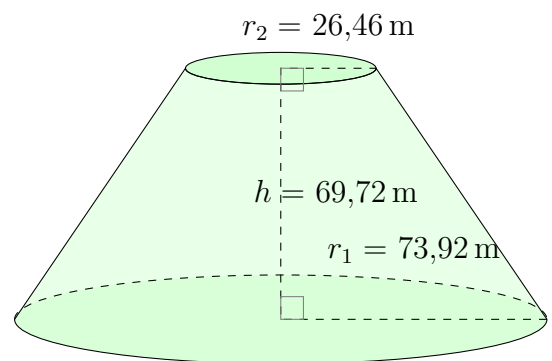
2.



3.



4.

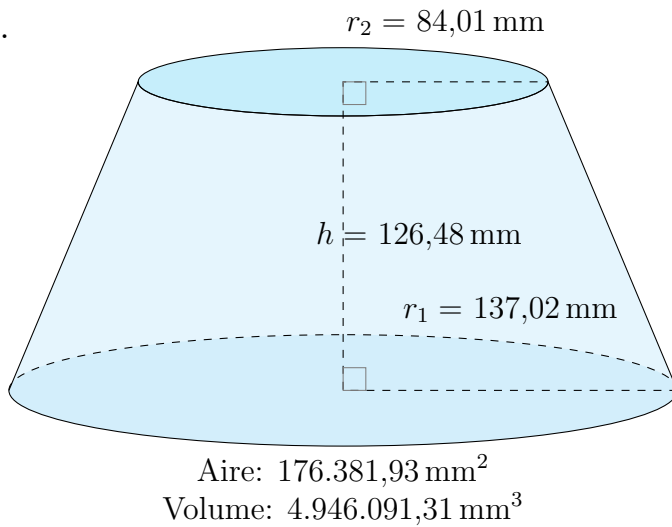


# Aire et Volume d'un Tronc de Cône (F) Réponses

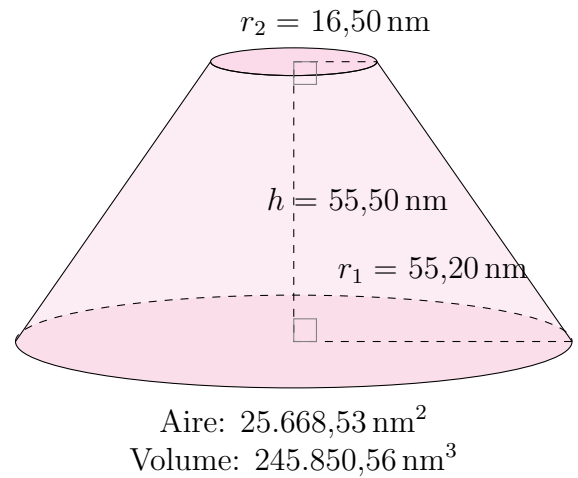
Calculez l'aire et le volume de chaque tronc de cône.

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

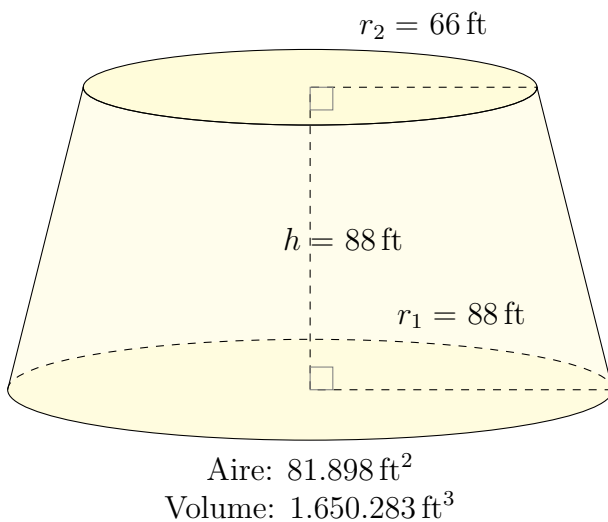
1.



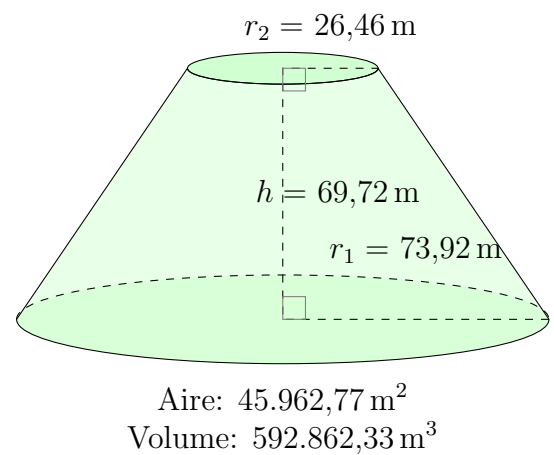
2.



3.



4.

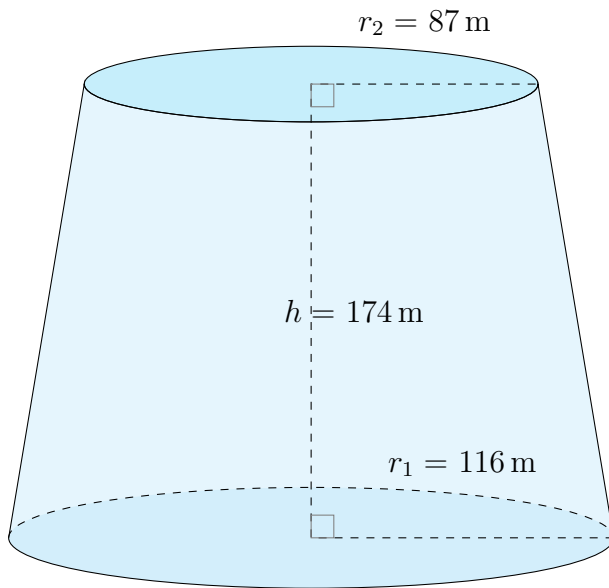


# Aire et Volume d'un Tronc de Cône (G)

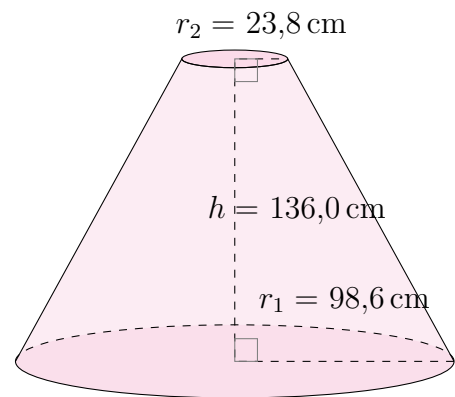
Calculez l'aire et le volume de chaque tronc de cône.

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

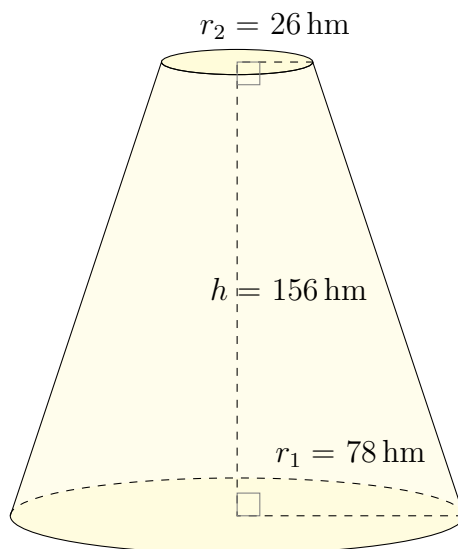
1.



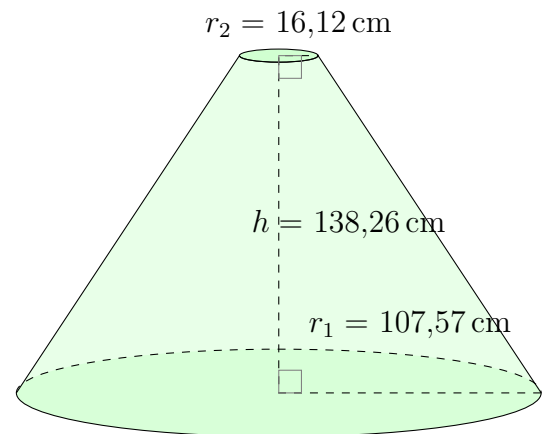
2.



3.



4.

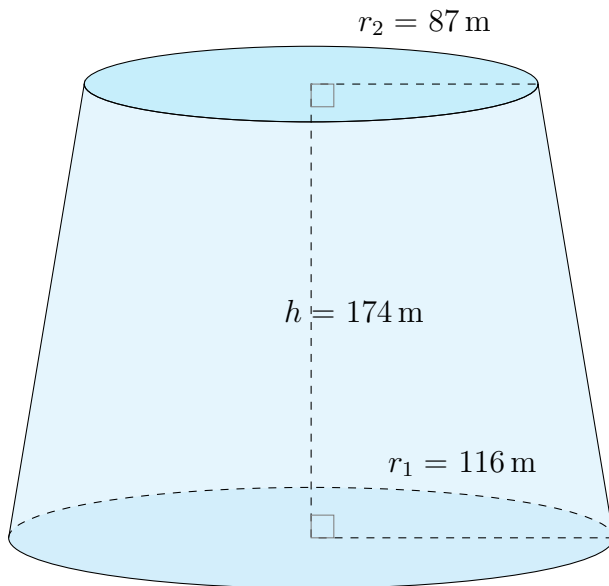


# Aire et Volume d'un Tronc de Cône (G) Réponses

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

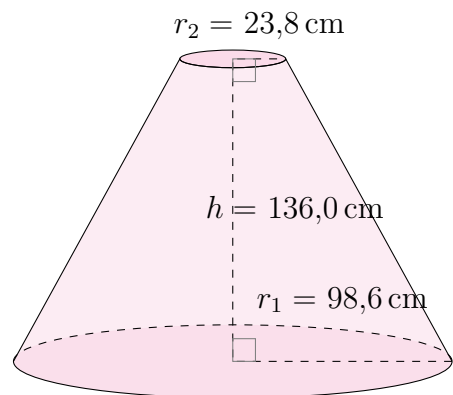
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



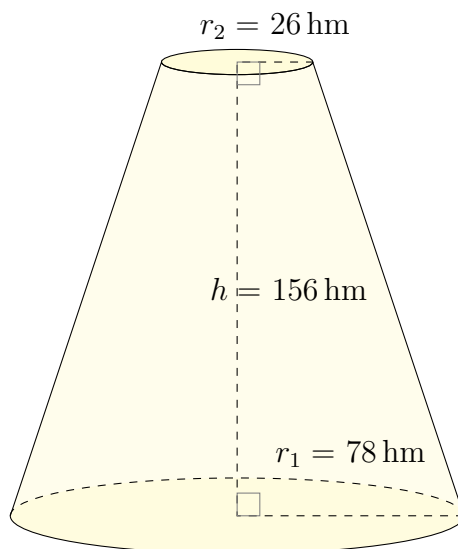
Aire:  $178.550 \text{ m}^2$   
Volume:  $5.669.902 \text{ m}^3$

2.



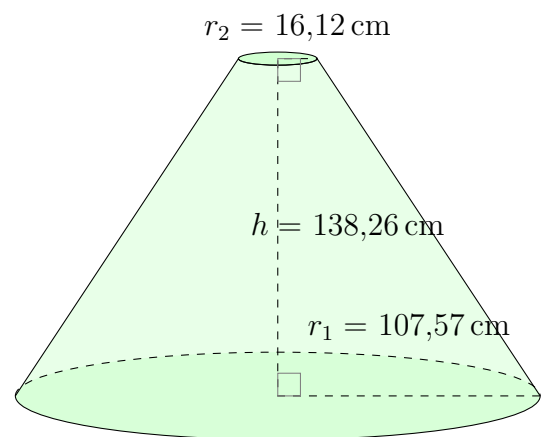
Aire:  $92.006,1 \text{ cm}^2$   
Volume:  $1.799.473,8 \text{ cm}^3$

3.



Aire:  $74.963 \text{ hm}^2$   
Volume:  $1.435.632 \text{ hm}^3$

4.



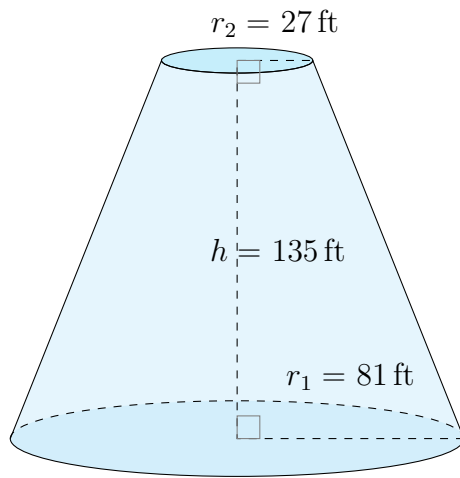
Aire:  $101.583,29 \text{ cm}^2$   
Volume:  $1.964.042,94 \text{ cm}^3$

# Aire et Volume d'un Tronc de Cône (H)

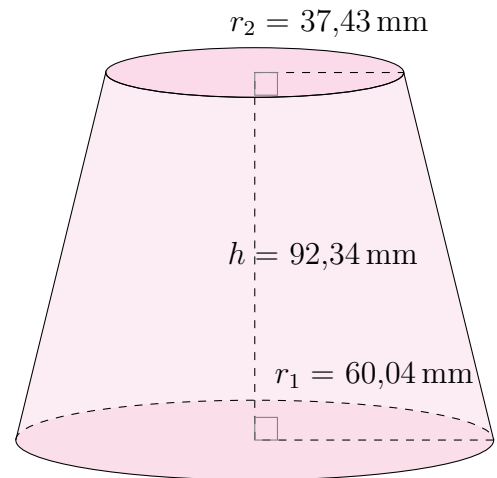
Calculez l'aire et le volume de chaque tronc de cône.

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

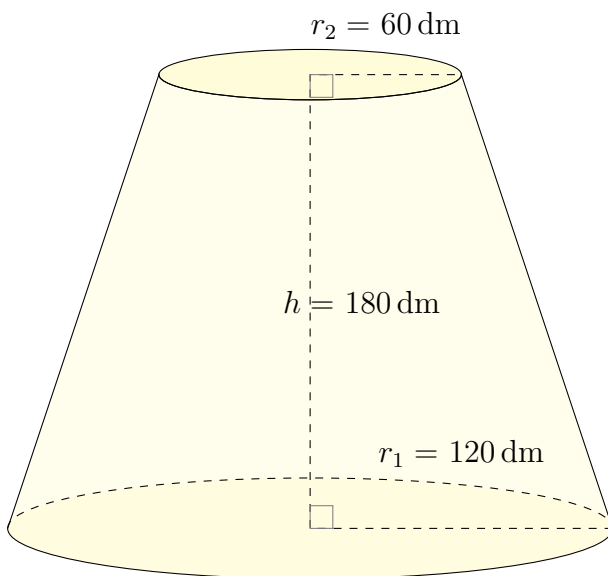
1.



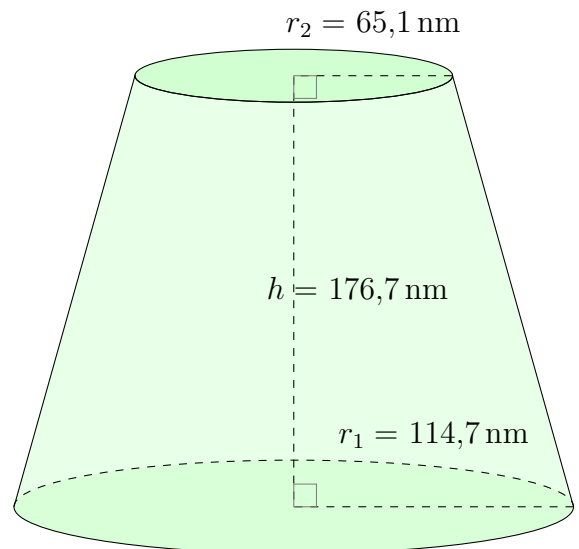
2.



3.



4.

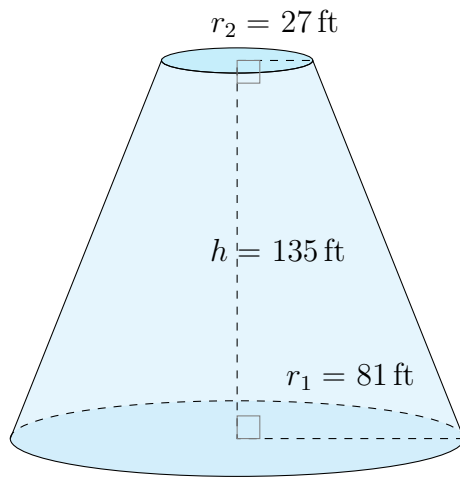


# Aire et Volume d'un Tronc de Cône (H) Réponses

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

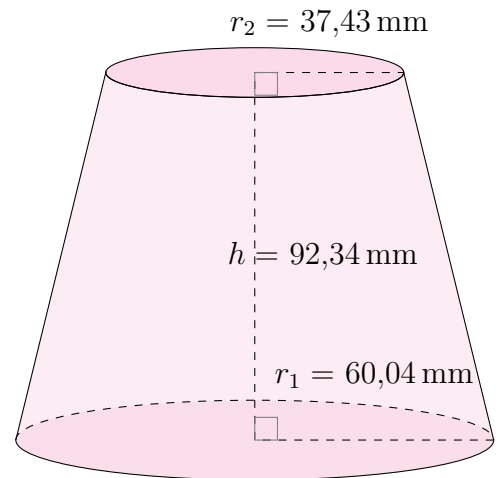
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



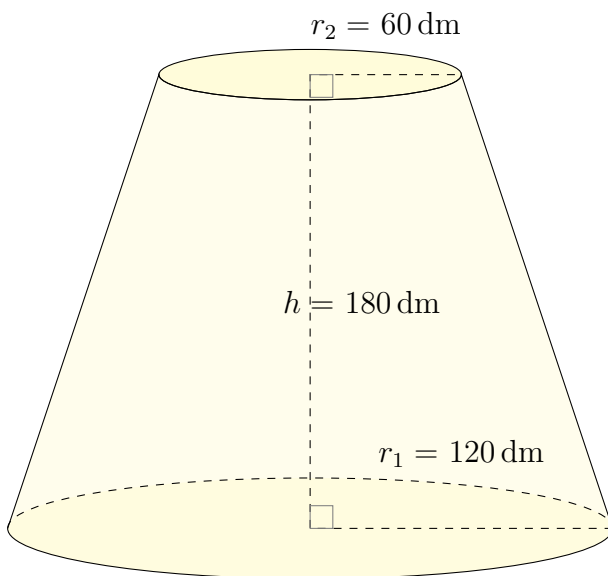
Aire:  $72.235 \text{ ft}^2$   
Volume:  $1.339.779 \text{ ft}^3$

2.



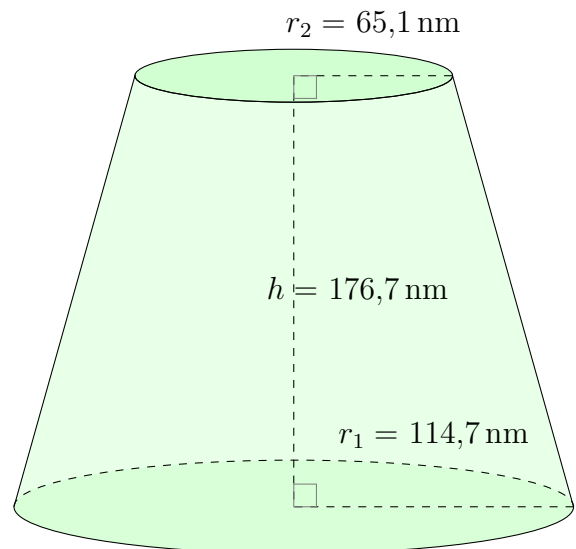
Aire:  $44.837,02 \text{ mm}^2$   
Volume:  $701.362,23 \text{ mm}^3$

3.



Aire:  $163.842 \text{ dm}^2$   
Volume:  $4.750.088 \text{ dm}^3$

4.



Aire:  $158.313,3 \text{ nm}^2$   
Volume:  $4.600.287,6 \text{ nm}^3$

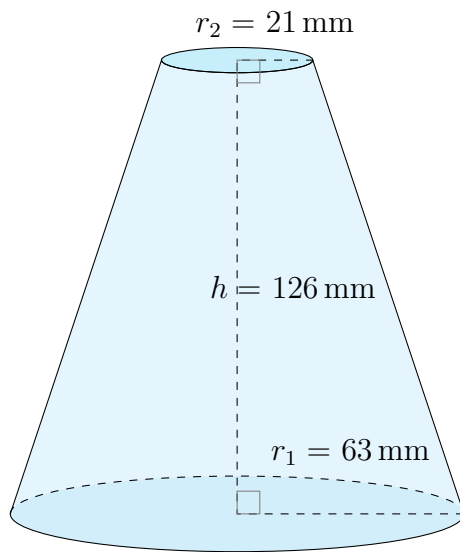


# Aire et Volume d'un Tronc de Cône (I)

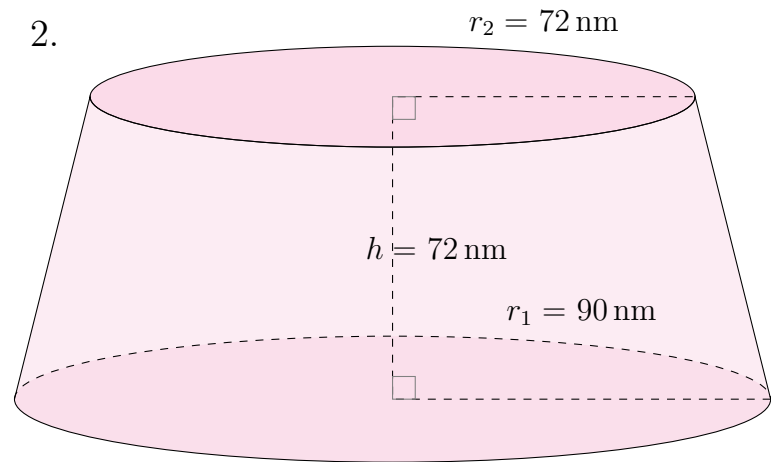
Calculez l'aire et le volume de chaque tronc de cône.

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

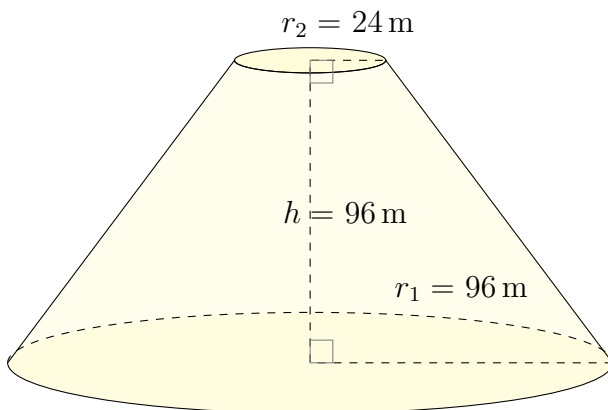
1.



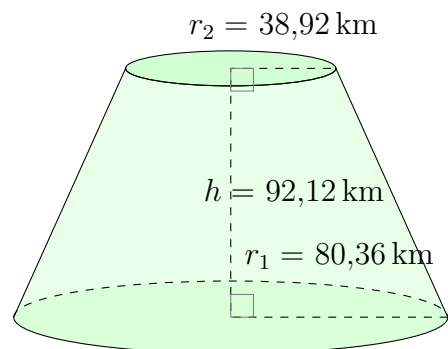
2.



3.



4.

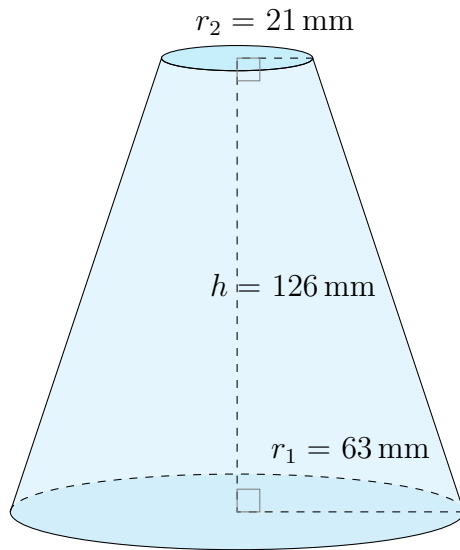


# Aire et Volume d'un Tronc de Cône (I) Réponses

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

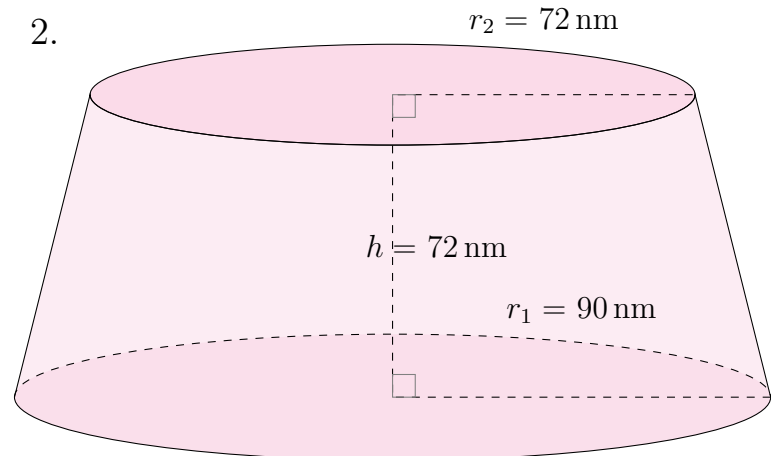
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



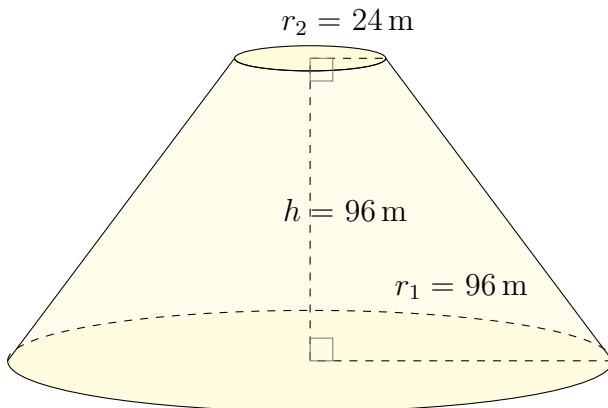
$$\begin{aligned} \text{Aire: } & 48.904 \text{ mm}^2 \\ \text{Volume: } & 756.452 \text{ mm}^3 \end{aligned}$$

2.



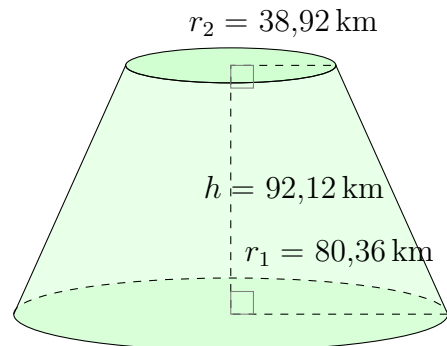
$$\begin{aligned} \text{Aire: } & 79.504 \text{ nm}^2 \\ \text{Volume: } & 1.490.170 \text{ nm}^3 \end{aligned}$$

3.



$$\begin{aligned} \text{Aire: } & 76.001 \text{ m}^2 \\ \text{Volume: } & 1.216.023 \text{ m}^3 \end{aligned}$$

4.



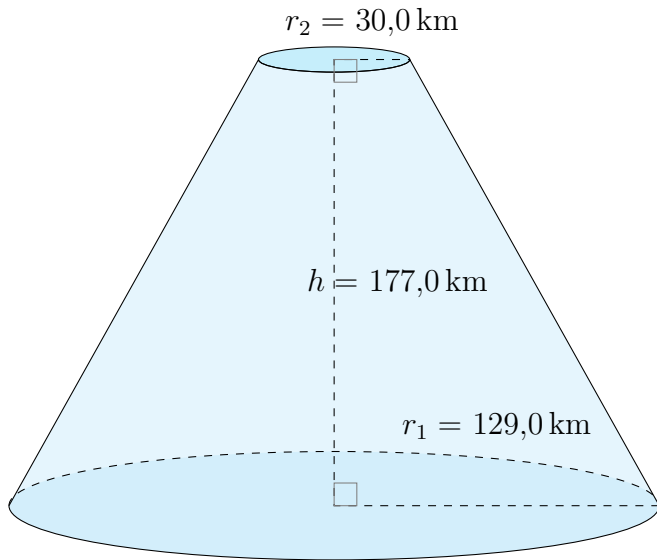
$$\begin{aligned} \text{Aire: } & 62.898,37 \text{ km}^2 \\ \text{Volume: } & 1.070.803,35 \text{ km}^3 \end{aligned}$$

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

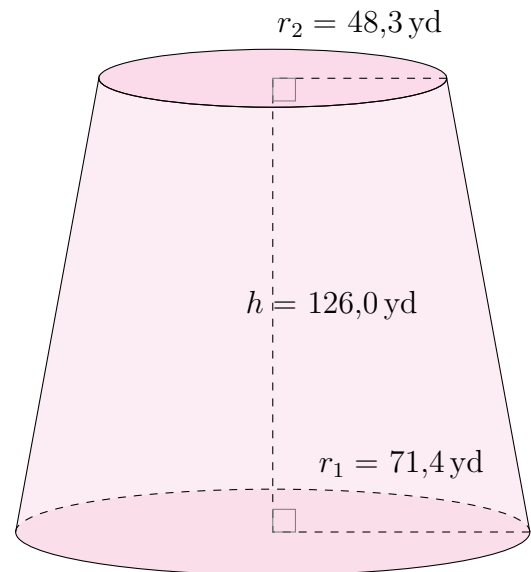
Calculez l'aire et le volume de chaque tronc de cône.

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

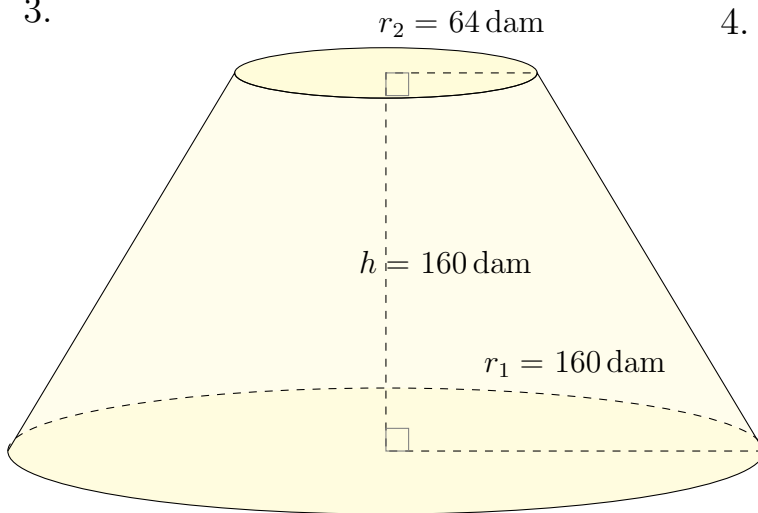
1.



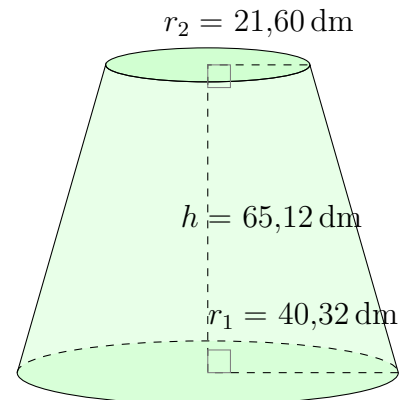
2.



3.



4.

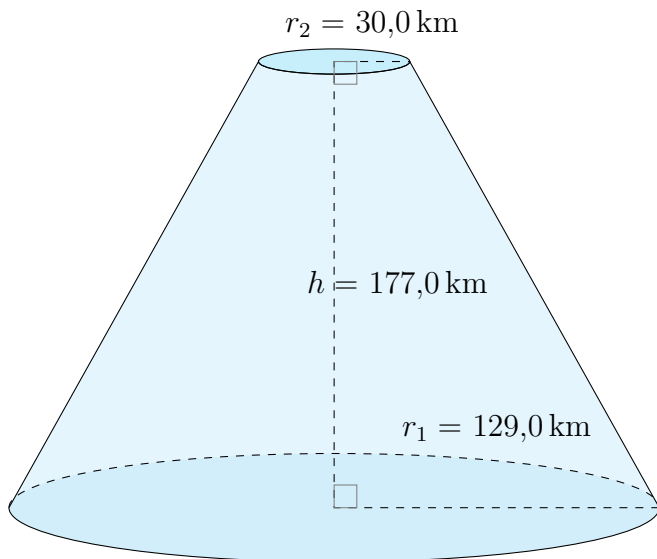


# Aire et Volume d'un Tronc de Cône (J) Réponses

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

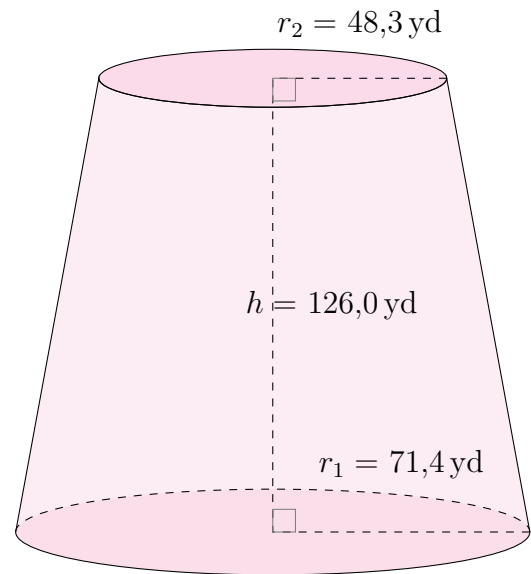
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



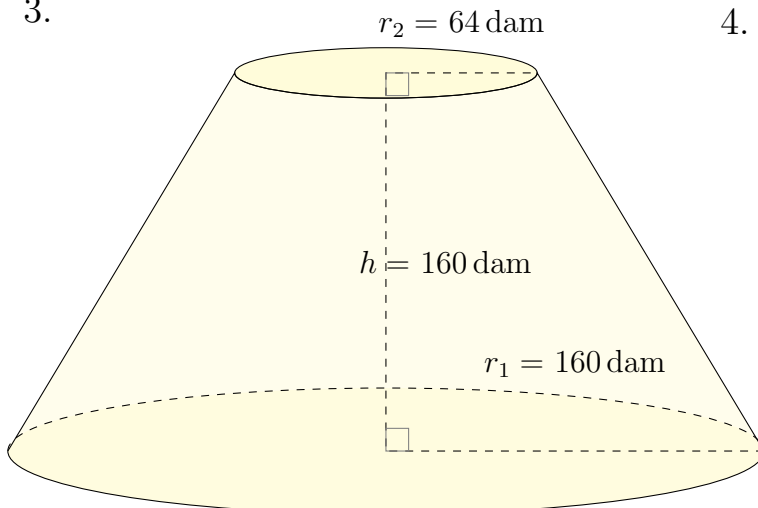
Aire:  $156.410,6 \text{ km}^2$   
Volume:  $3.968.613,8 \text{ km}^3$

2.



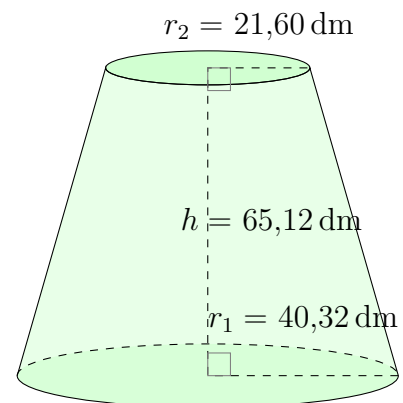
Aire:  $71.516,5 \text{ yd}^2$   
Volume:  $1.435.512,2 \text{ yd}^3$

3.



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

4.



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