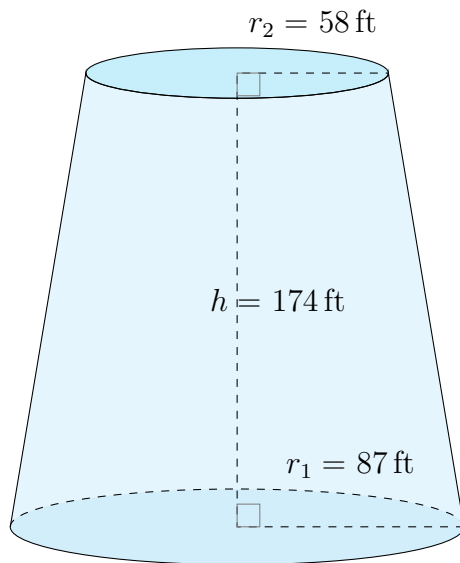


# Aire et Volume d'un Tronc de Cône (A)

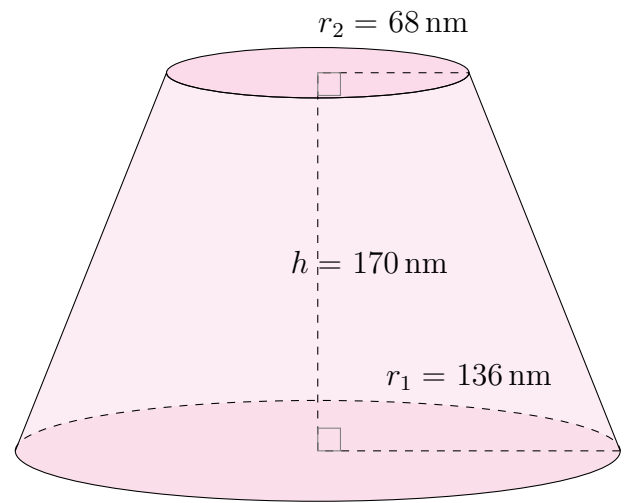
Calculez l'aire et le volume de chaque tronc de cône.

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

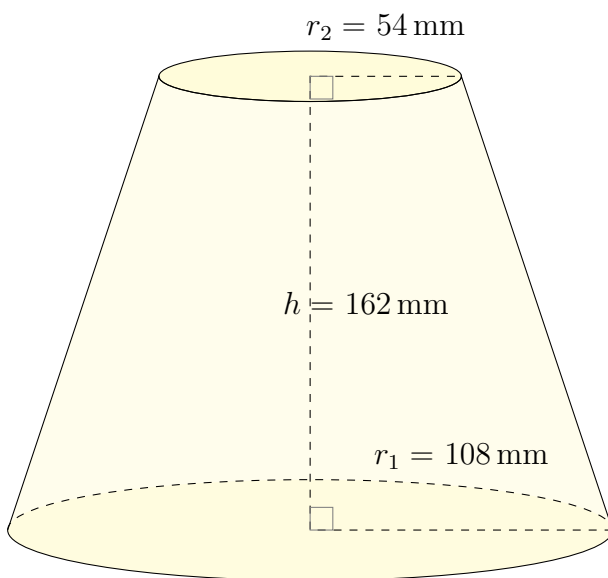
1.



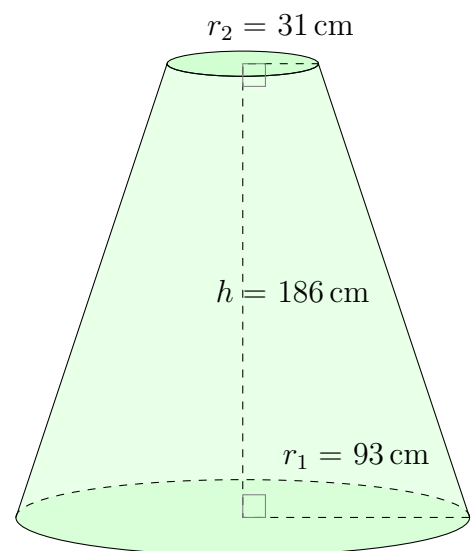
2.



3.



4.

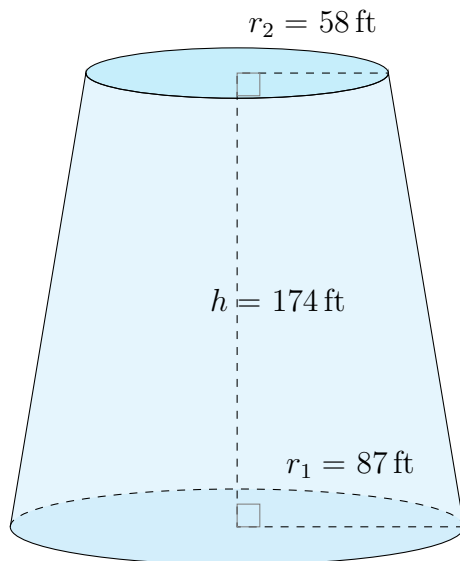


# Aire et Volume d'un Tronc de Cône (A) Réponses

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

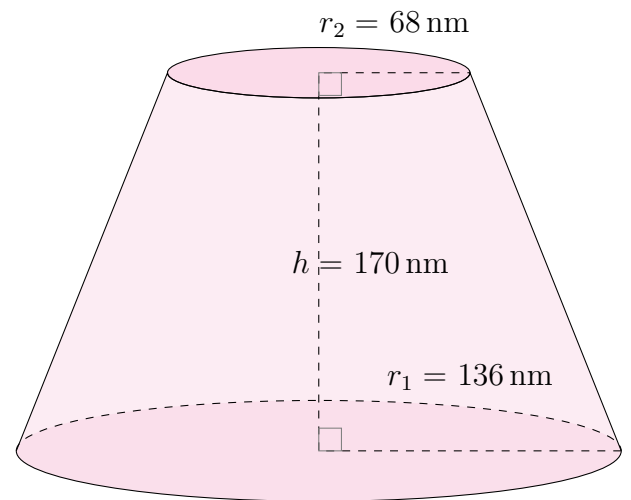
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



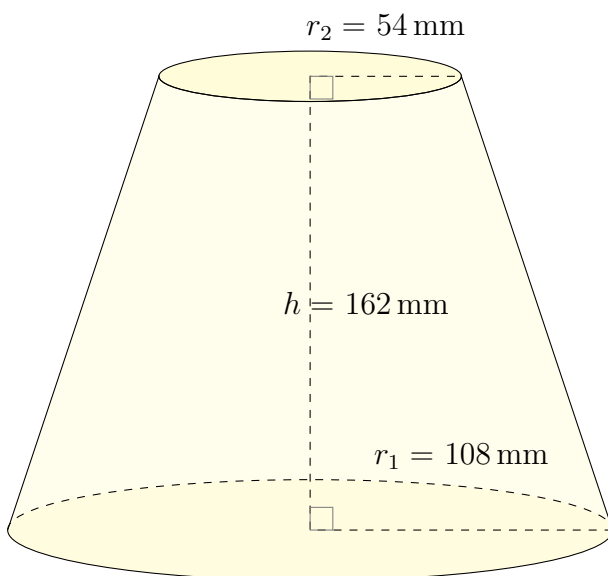
Aire:  $114.703 \text{ ft}^2$   
Volume:  $2.911.572 \text{ ft}^3$

2.



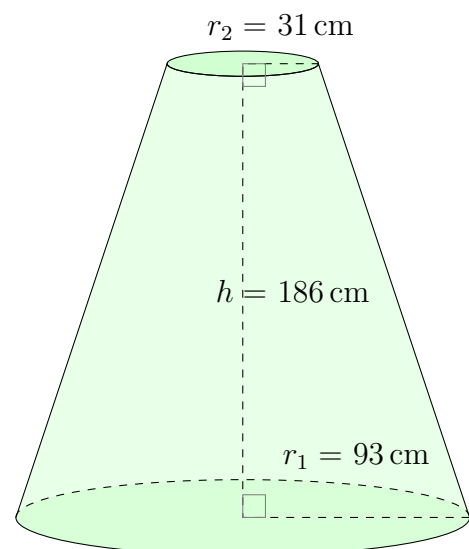
Aire:  $189.977 \text{ nm}^2$   
Volume:  $5.762.267 \text{ nm}^3$

3.



Aire:  $132.712 \text{ mm}^2$   
Volume:  $3.462.814 \text{ mm}^3$

4.



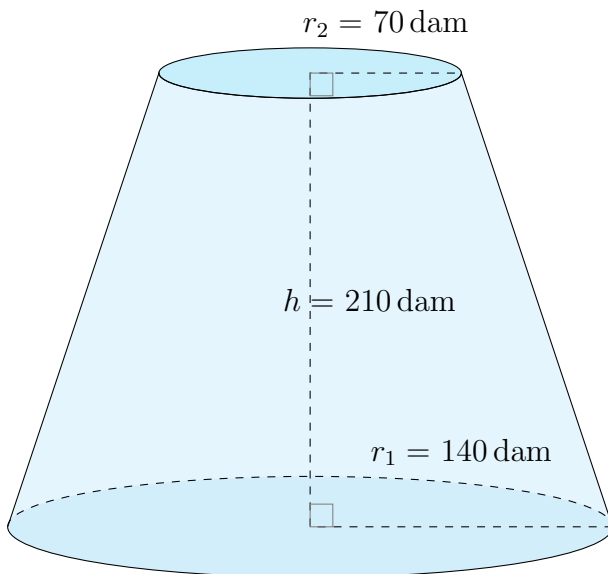
Aire:  $106.568 \text{ cm}^2$   
Volume:  $2.433.371 \text{ cm}^3$

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

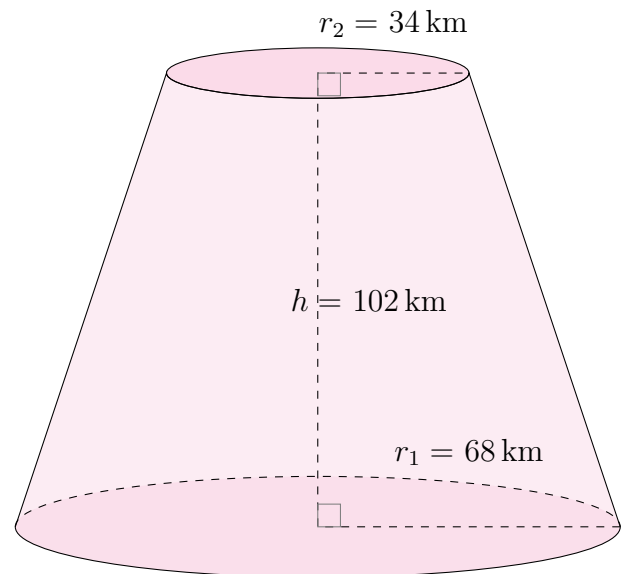
Calculez l'aire et le volume de chaque tronc de cône.

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

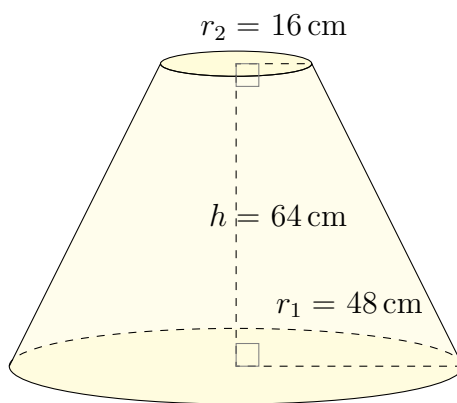
1.



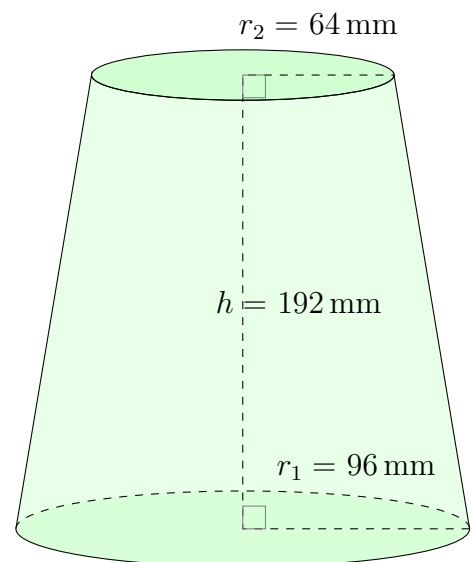
2.



3.



4.

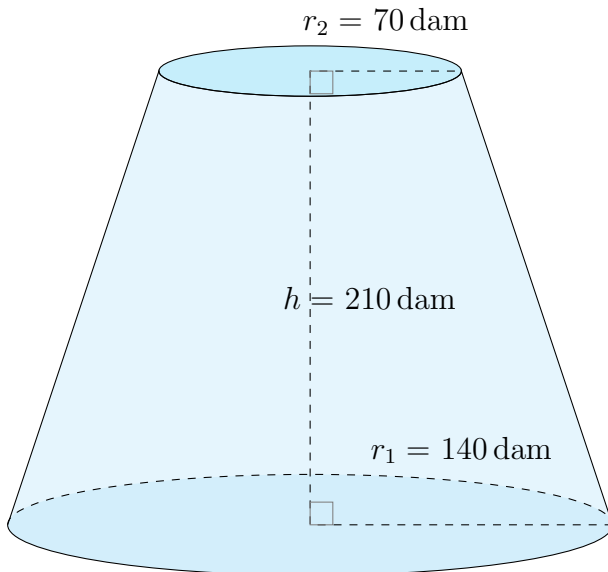


# Aire et Volume d'un Tronc de Cône (B) Réponses

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

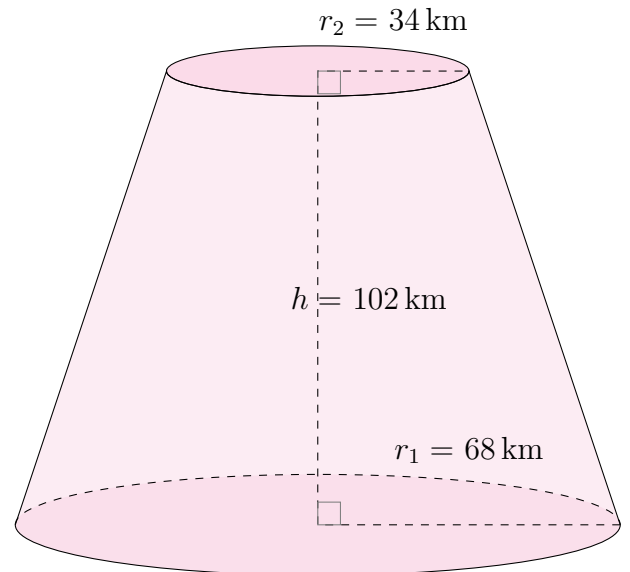
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



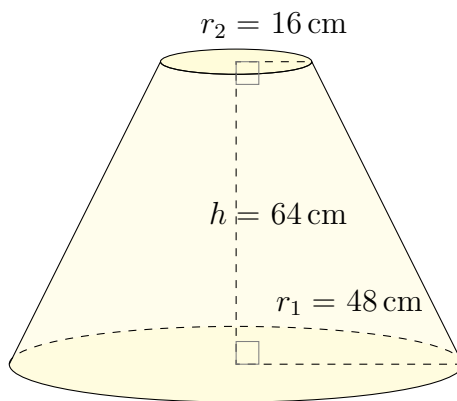
Aire:  $223.007 \text{ dam}^2$   
Volume:  $7.542.964 \text{ dam}^3$

2.



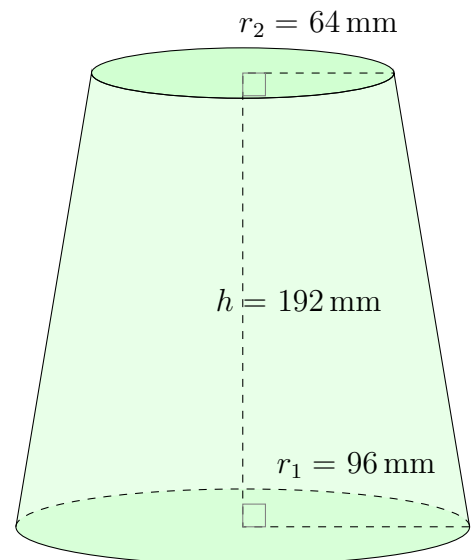
Aire:  $52.612 \text{ km}^2$   
Volume:  $864.340 \text{ km}^3$

3.



Aire:  $22.429 \text{ cm}^2$   
Volume:  $223.045 \text{ cm}^3$

4.



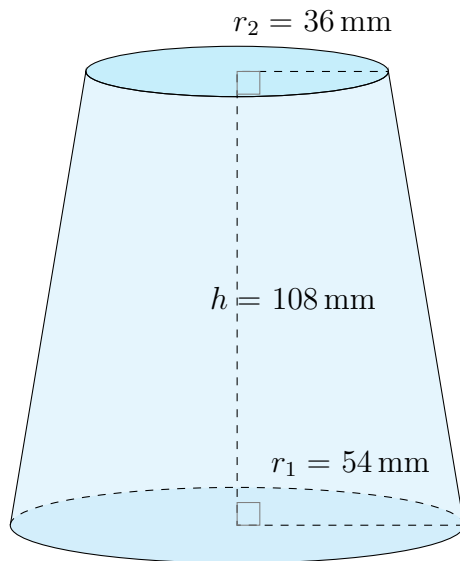
Aire:  $139.662 \text{ mm}^2$   
Volume:  $3.911.861 \text{ mm}^3$

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

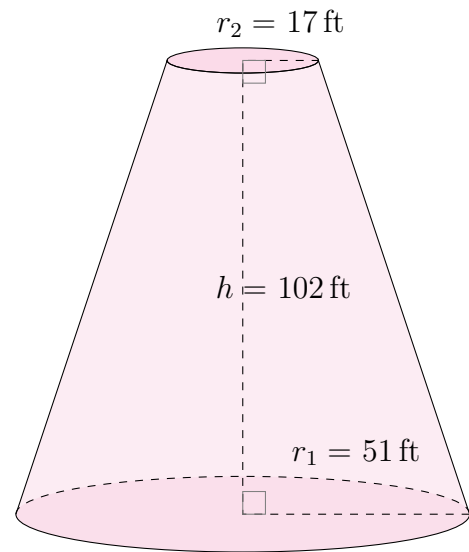
Calculez l'aire et le volume de chaque tronc de cône.

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

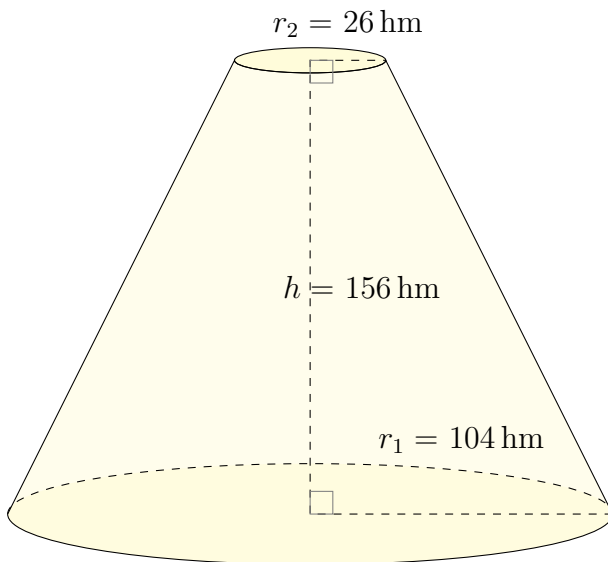
1.



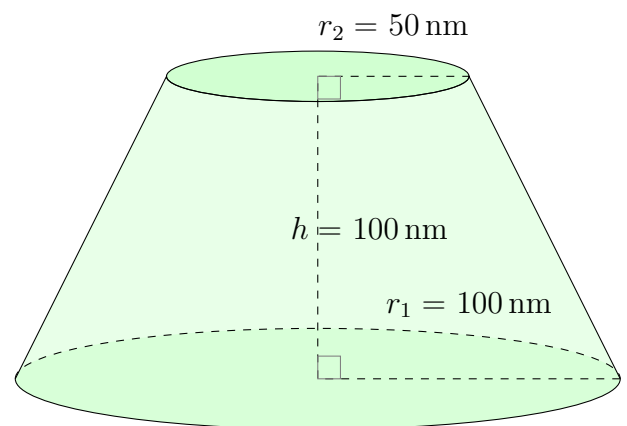
2.



3.



4.

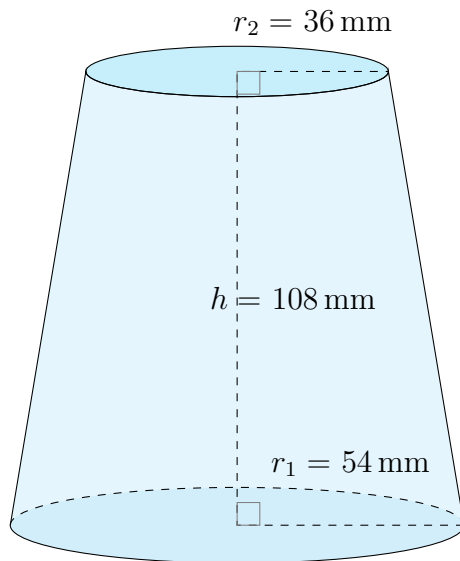


# Aire et Volume d'un Tronc de Cône (C) Réponses

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

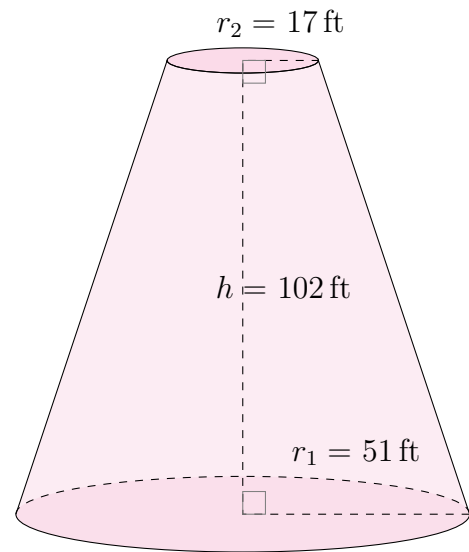
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



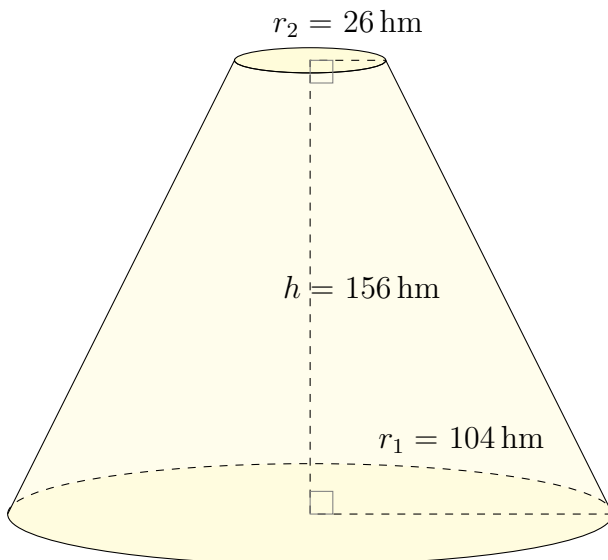
Aire:  $44.190 \text{ mm}^2$   
Volume:  $696.227 \text{ mm}^3$

2.



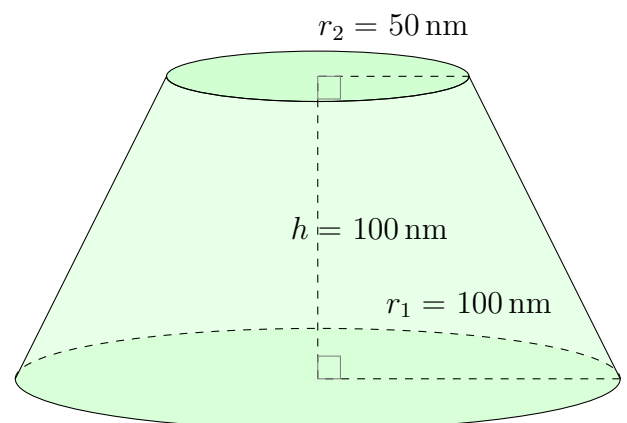
Aire:  $32.048 \text{ ft}^2$   
Volume:  $401.301 \text{ ft}^3$

3.



Aire:  $107.335 \text{ hm}^2$   
Volume:  $2.319.099 \text{ hm}^3$

4.



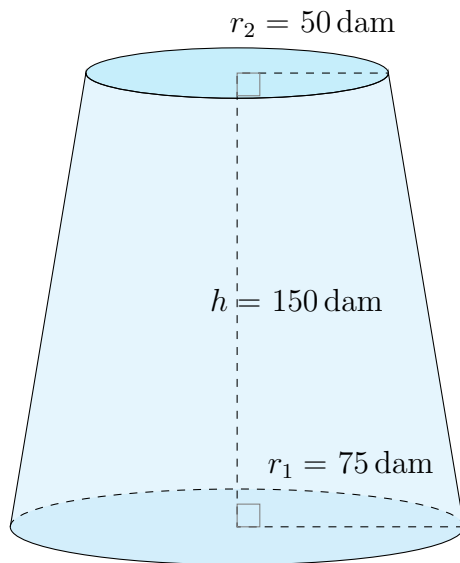
Aire:  $91.956 \text{ nm}^2$   
Volume:  $1.832.596 \text{ nm}^3$

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

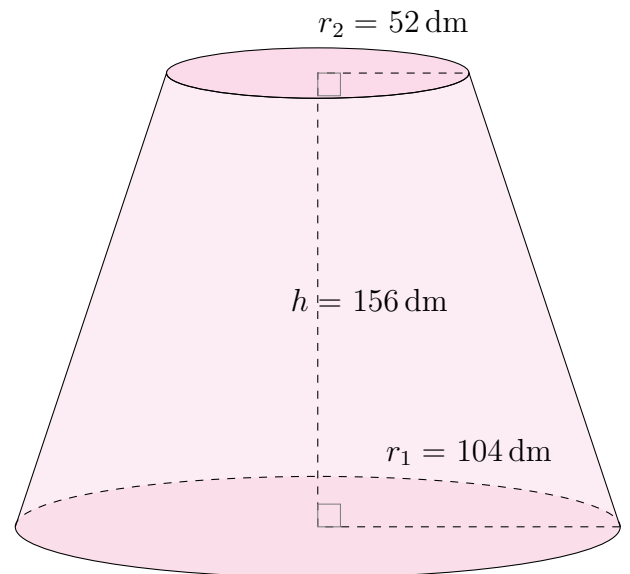
Calculez l'aire et le volume de chaque tronc de cône.

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

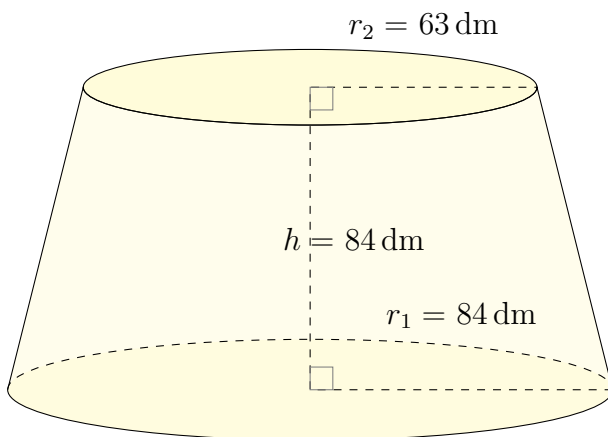
1.



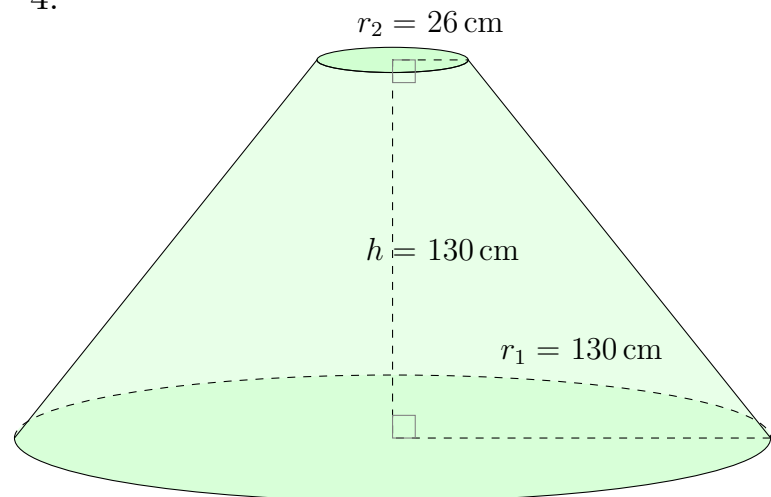
2.



3.



4.

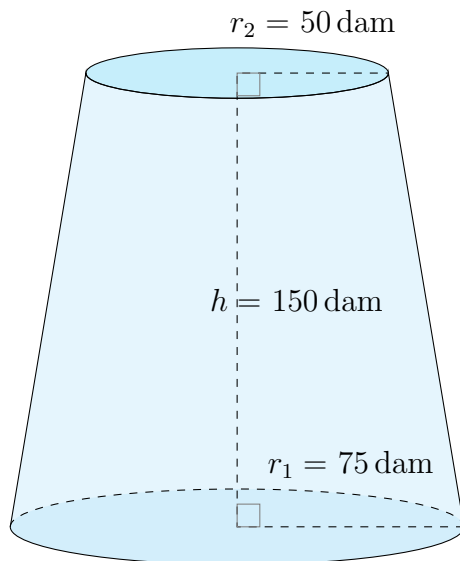


# Aire et Volume d'un Tronc de Cône (D) Réponses

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

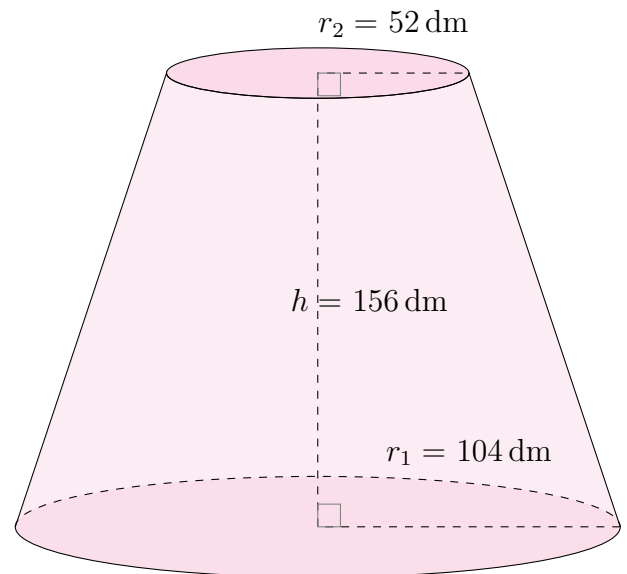
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



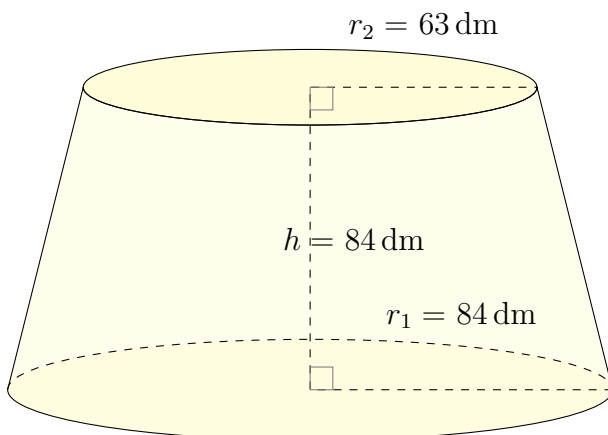
Aire:  $85.243 \text{ dam}^2$   
Volume:  $1.865.321 \text{ dam}^3$

2.



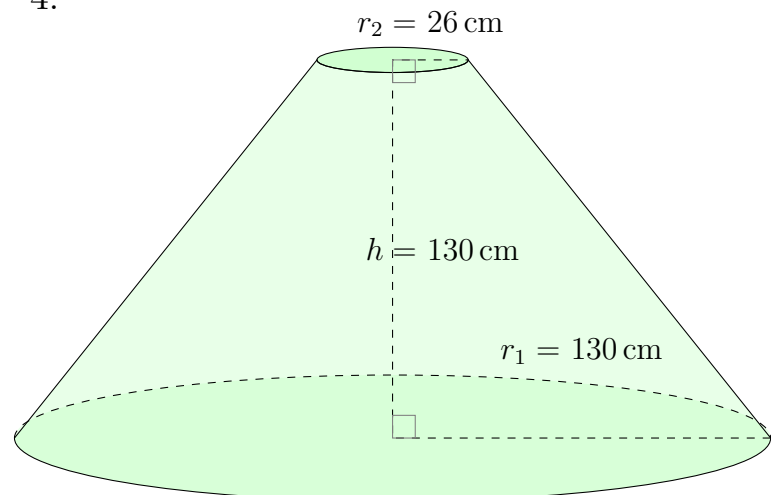
Aire:  $123.064 \text{ dm}^2$   
Volume:  $3.092.131 \text{ dm}^3$

3.



Aire:  $74.622 \text{ dm}^2$   
Volume:  $1.435.318 \text{ dm}^3$

4.



Aire:  $136.807 \text{ cm}^2$   
Volume:  $2.852.859 \text{ cm}^3$

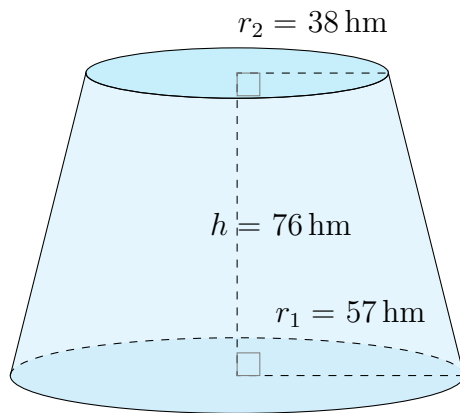


## Aire et Volume d'un Tronc de Cône (E)

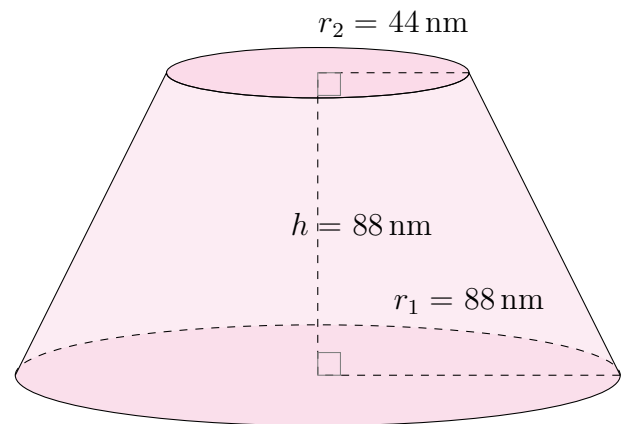
Calculez l'aire et le volume de chaque tronc de cône.

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

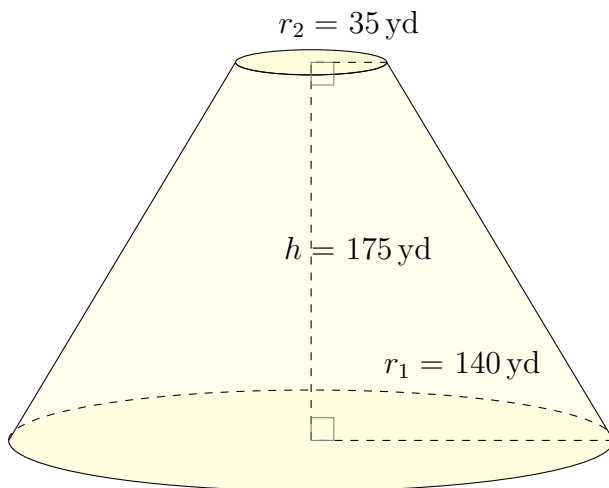
1.



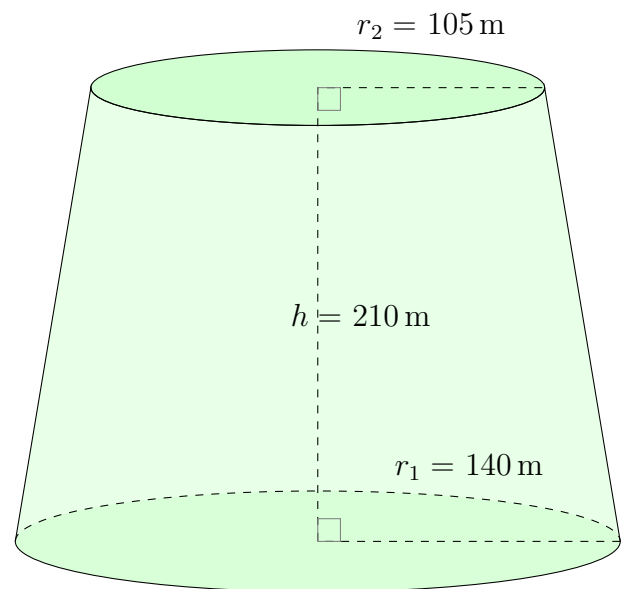
2.



3.



4.

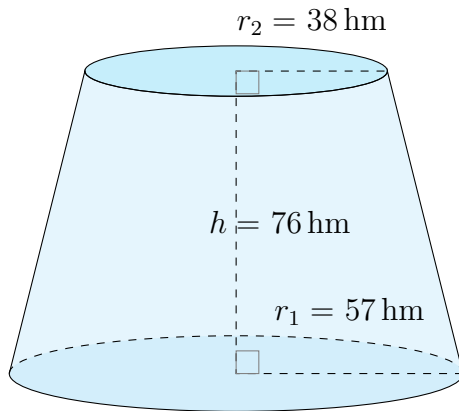


# Aire et Volume d'un Tronc de Cône (E) Réponses

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

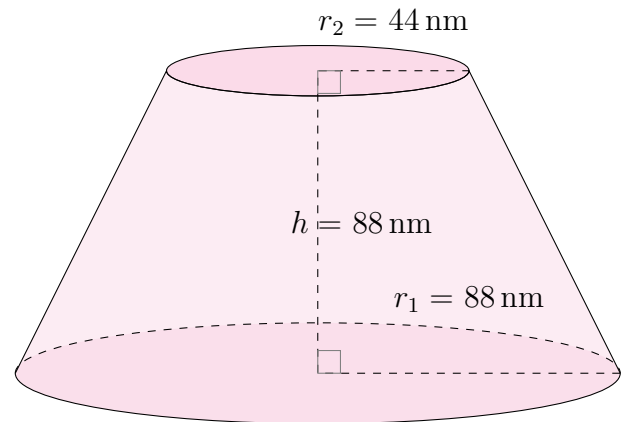
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



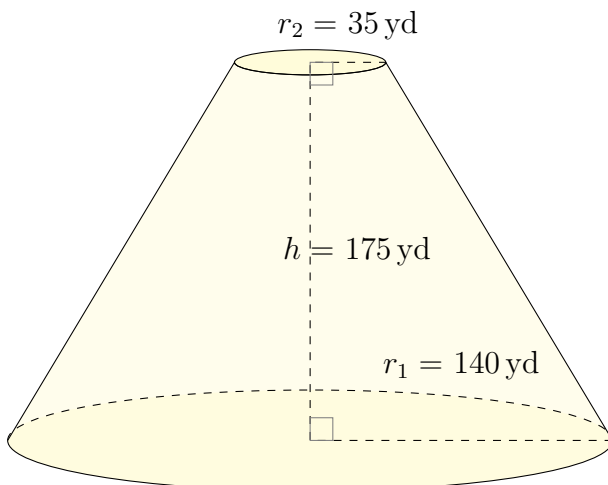
Aire:  $38.124 \text{ hm}^2$   
Volume:  $545.887 \text{ hm}^3$

2.



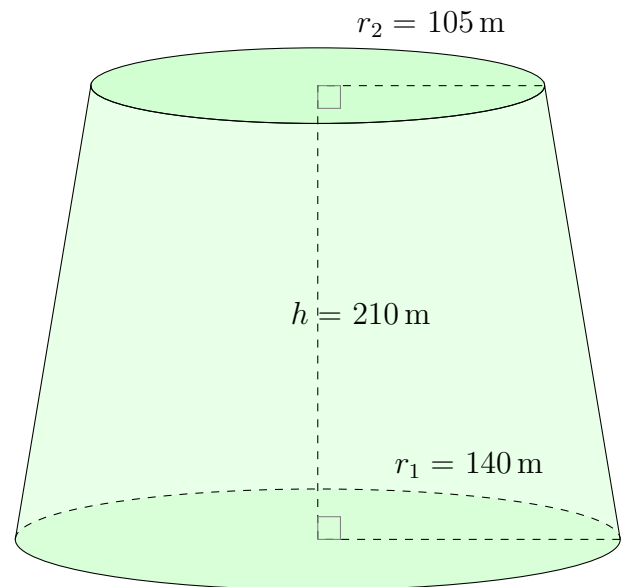
Aire:  $71.211 \text{ nm}^2$   
Volume:  $1.248.863 \text{ nm}^3$

3.



Aire:  $177.624 \text{ yd}^2$   
Volume:  $4.714.352 \text{ yd}^3$

4.



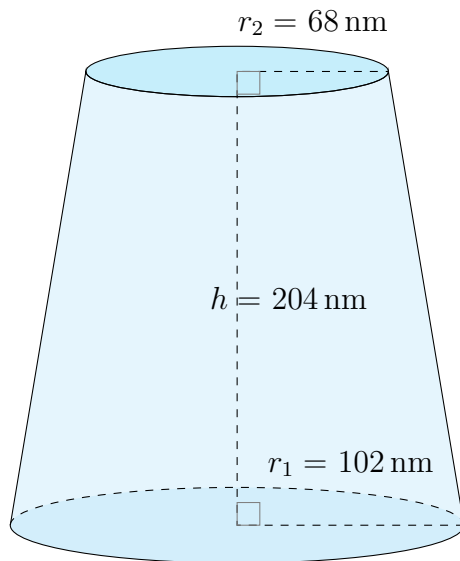
Aire:  $260.076 \text{ m}^2$   
Volume:  $9.967.488 \text{ m}^3$

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

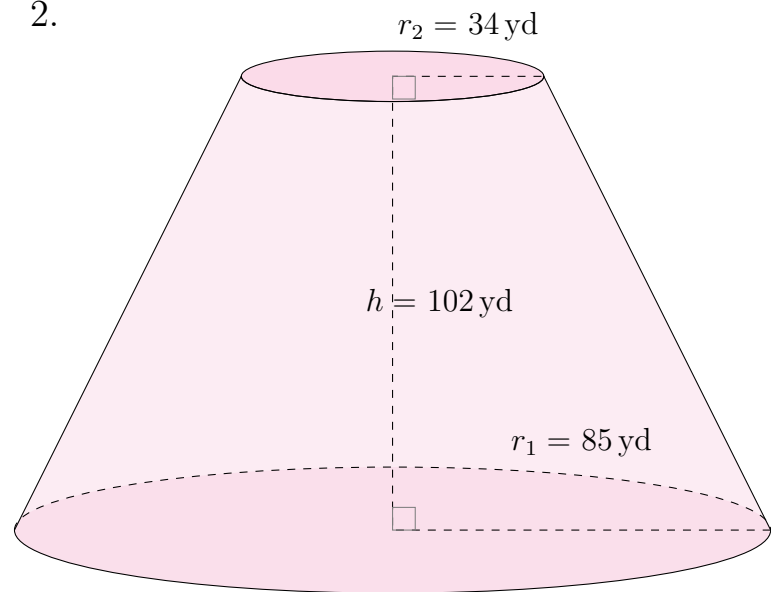
Calculez l'aire et le volume de chaque tronc de cône.

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

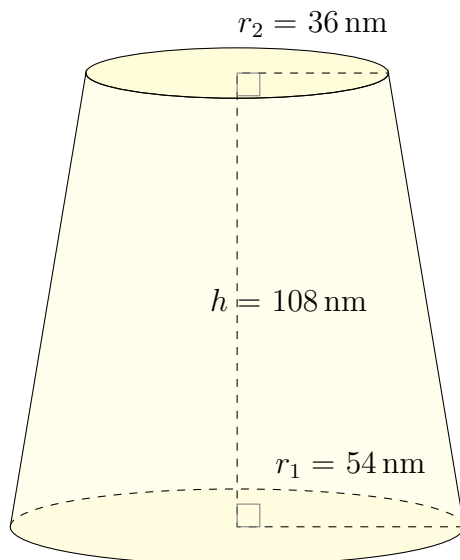
1.



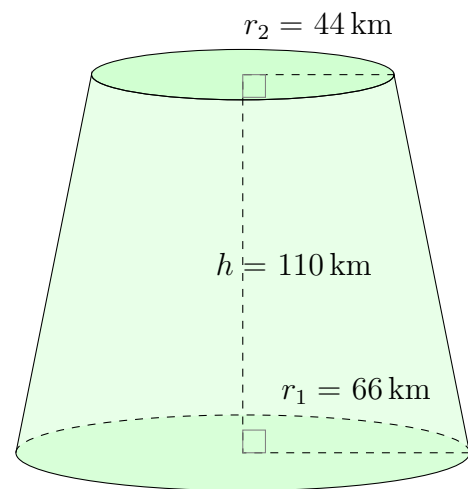
2.



3.



4.

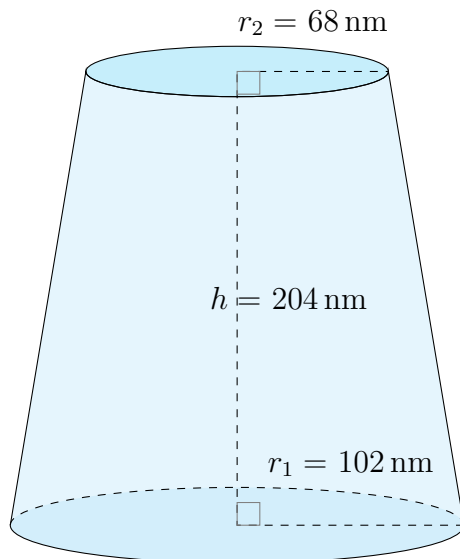


# Aire et Volume d'un Tronc de Cône (F) Réponses

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

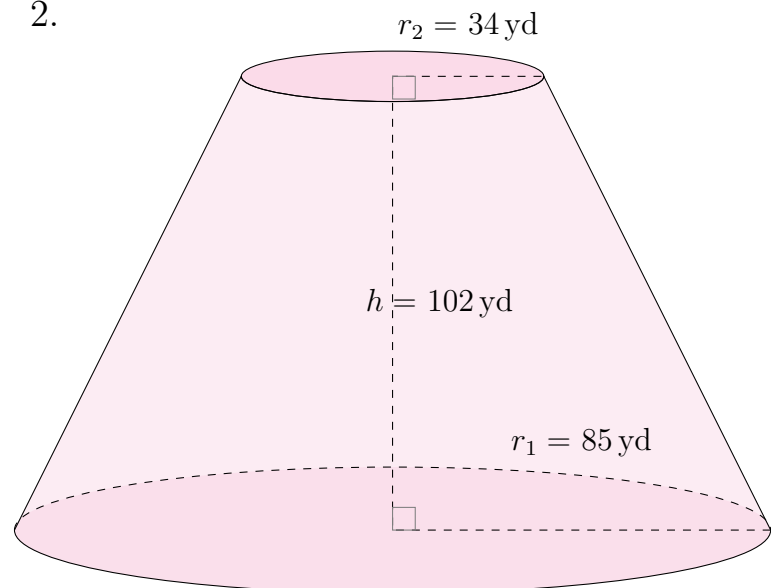
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



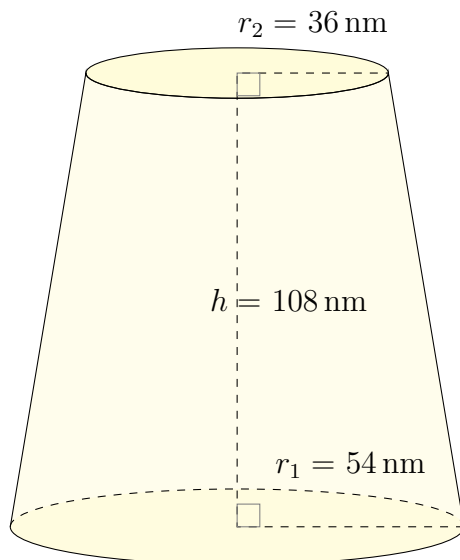
Aire:  $157.665 \text{ nm}^2$   
Volume:  $4.692.132 \text{ nm}^3$

2.



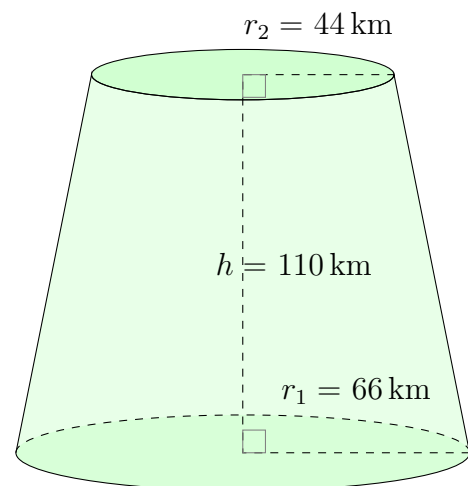
Aire:  $68.963 \text{ yd}^2$   
Volume:  $1.203.902 \text{ yd}^3$

3.



Aire:  $44.190 \text{ nm}^2$   
Volume:  $696.227 \text{ nm}^3$

4.



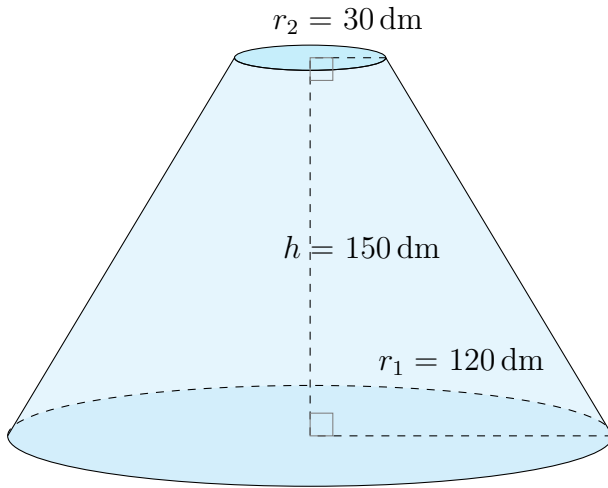
Aire:  $58.533 \text{ km}^2$   
Volume:  $1.059.303 \text{ km}^3$

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

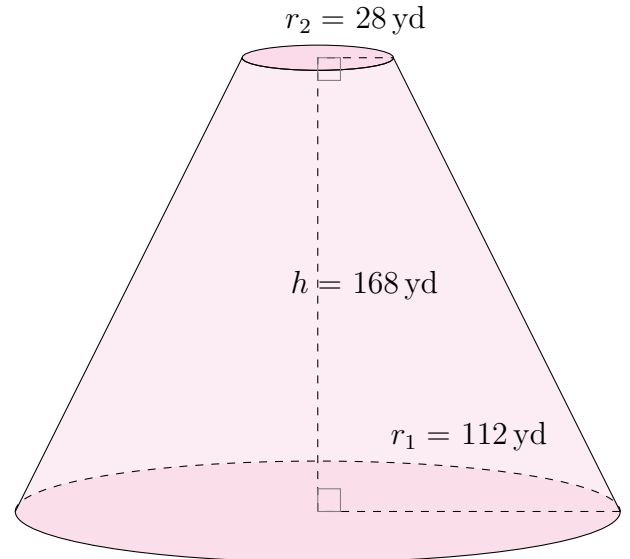
Calculez l'aire et le volume de chaque tronc de cône.

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

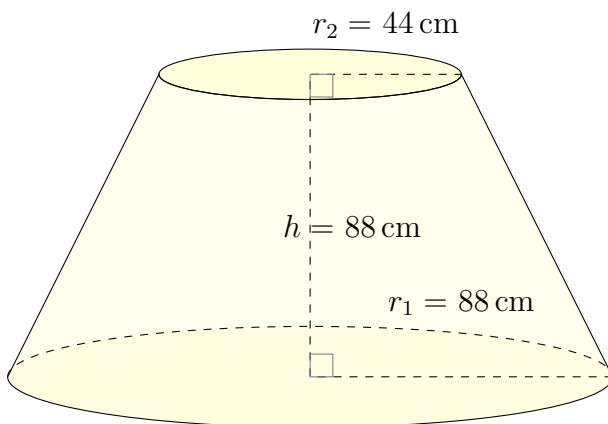
1.



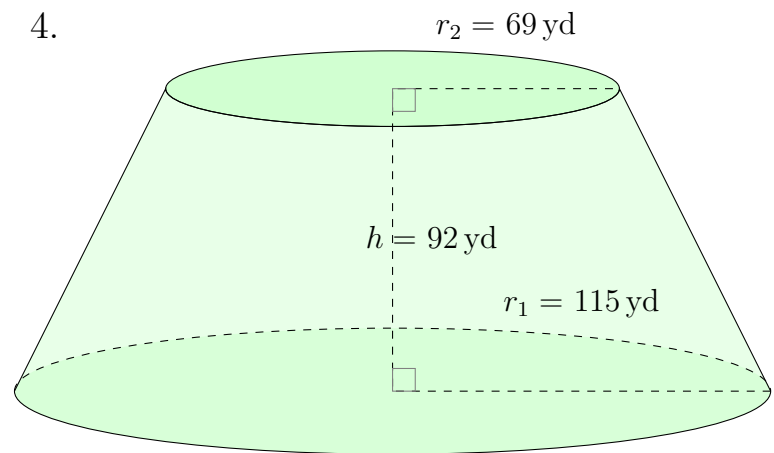
2.



3.



4.

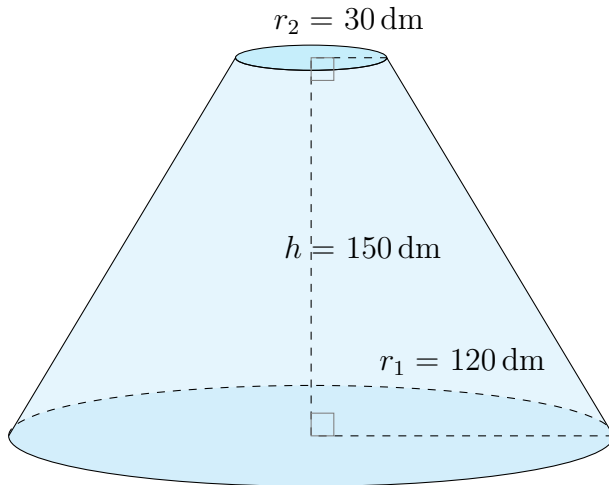


# Aire et Volume d'un Tronc de Cône (G) Réponses

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

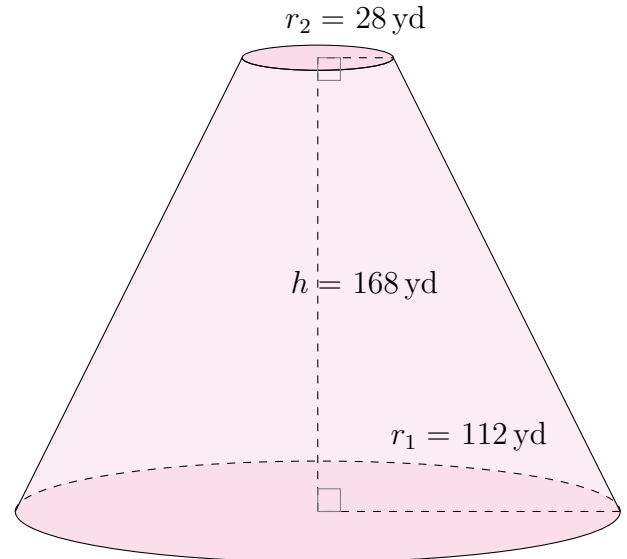
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



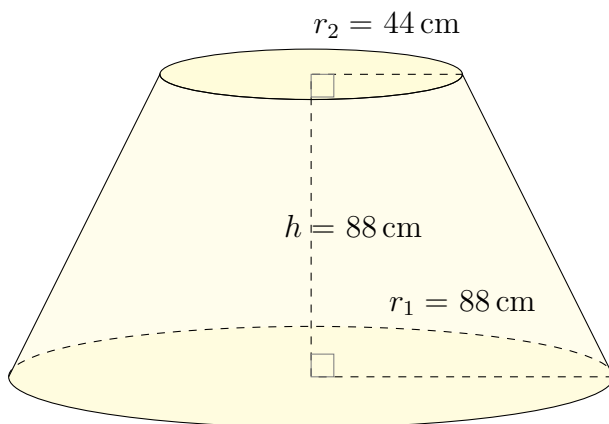
Aire:  $130.500 \text{ dm}^2$   
Volume:  $2.968.805 \text{ dm}^3$

2.



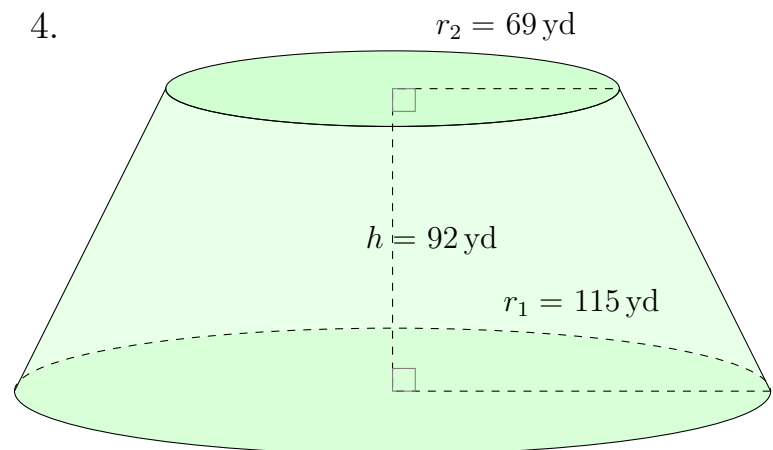
Aire:  $124.483 \text{ yd}^2$   
Volume:  $2.896.498 \text{ yd}^3$

3.



Aire:  $71.211 \text{ cm}^2$   
Volume:  $1.248.863 \text{ cm}^3$

4.



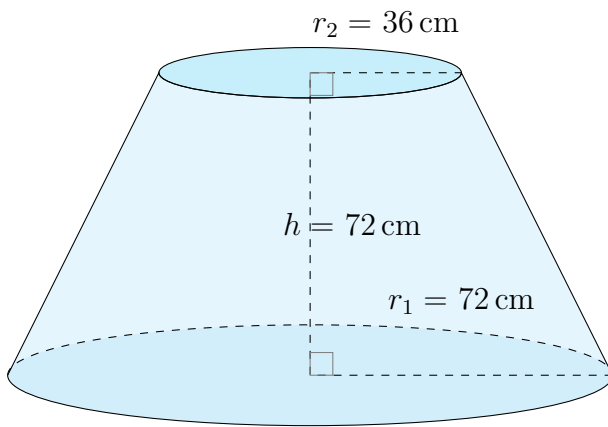
Aire:  $115.963 \text{ yd}^2$   
Volume:  $2.497.286 \text{ yd}^3$

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

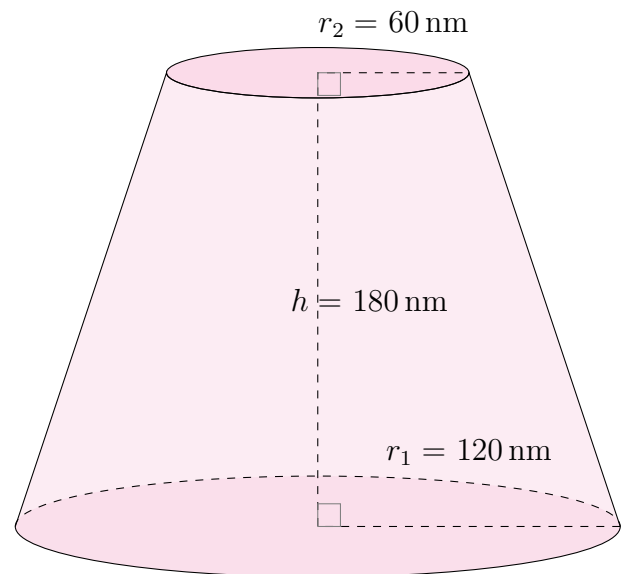
Calculez l'aire et le volume de chaque tronc de cône.

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

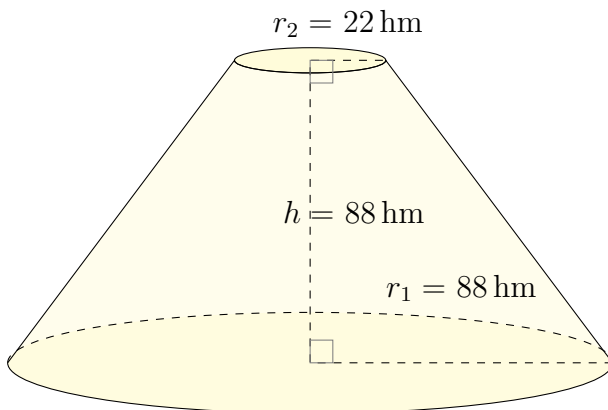
1.



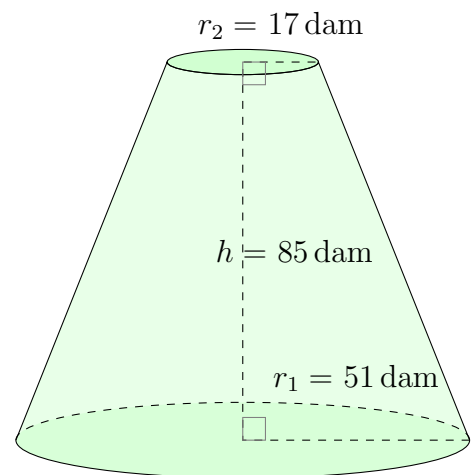
2.



3.



4.

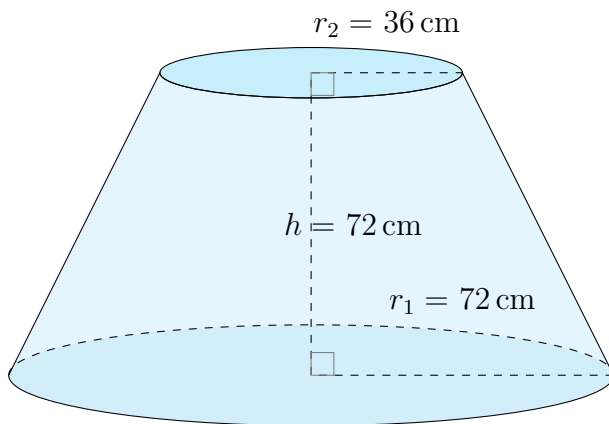


# Aire et Volume d'un Tronc de Cône (H) Réponses

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

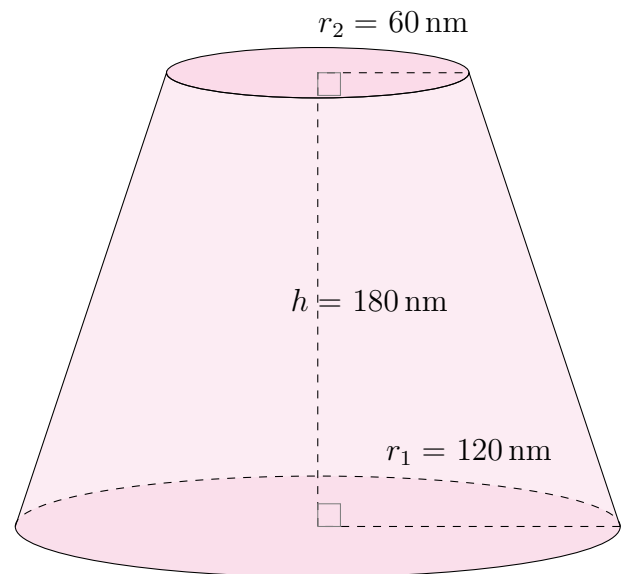
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



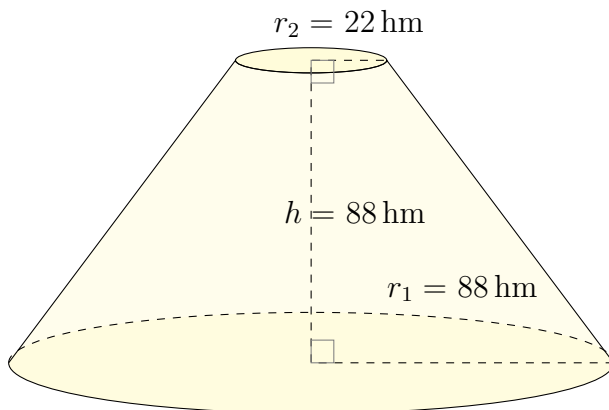
Aire:  $47.670 \text{ cm}^2$   
Volume:  $684.013 \text{ cm}^3$

2.



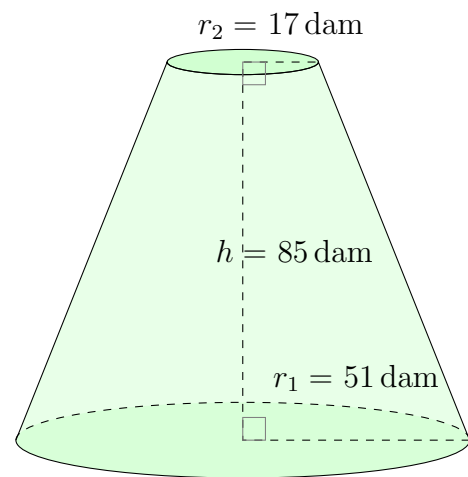
Aire:  $163.842 \text{ nm}^2$   
Volume:  $4.750.088 \text{ nm}^3$

3.



Aire:  $63.862 \text{ hm}^2$   
Volume:  $936.647 \text{ hm}^3$

4.



Aire:  $28.636 \text{ dam}^2$   
Volume:  $334.417 \text{ dam}^3$

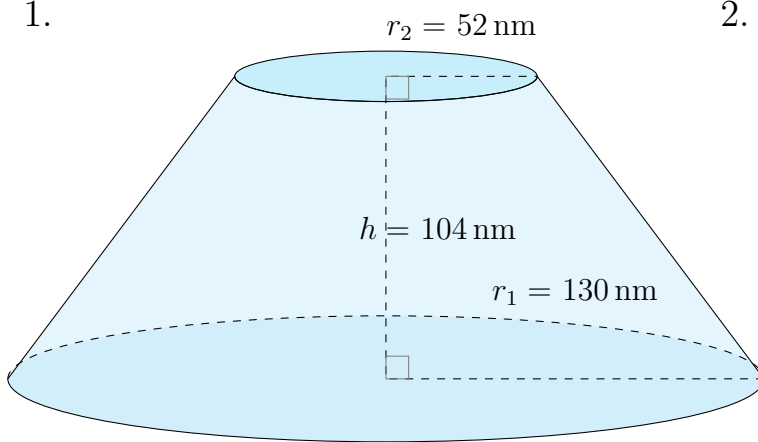


# Aire et Volume d'un Tronc de Cône (I)

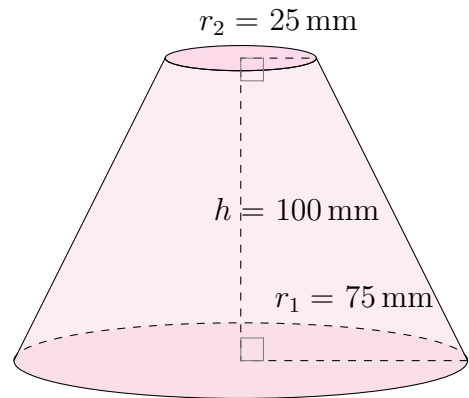
Calculez l'aire et le volume de chaque tronc de cône.

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

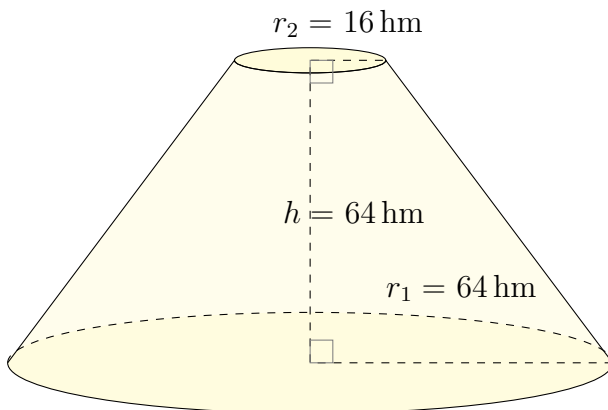
1.



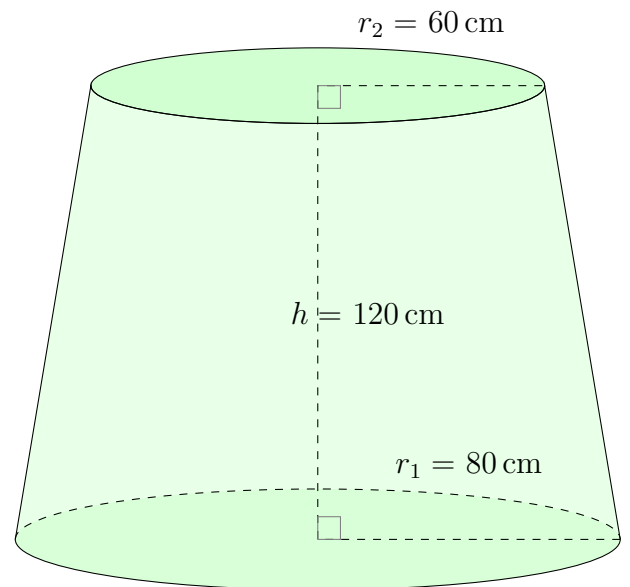
2.



3.



4.

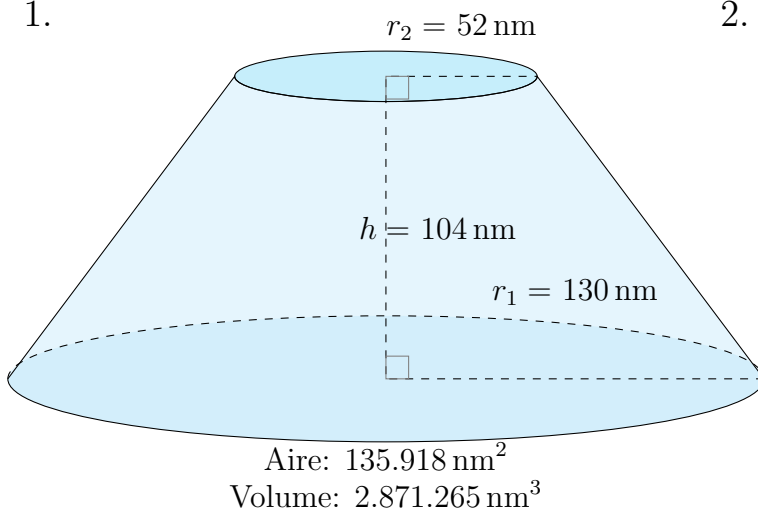


# Aire et Volume d'un Tronc de Cône (I) Réponses

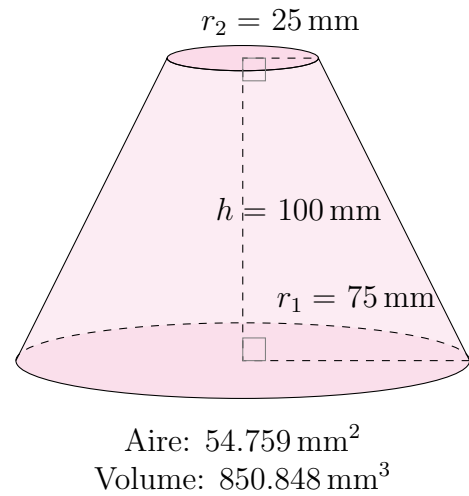
Calculez l'aire et le volume de chaque tronc de cône.

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

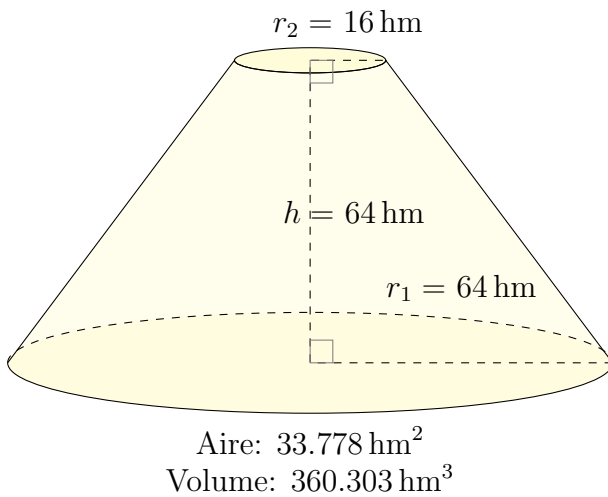
1.



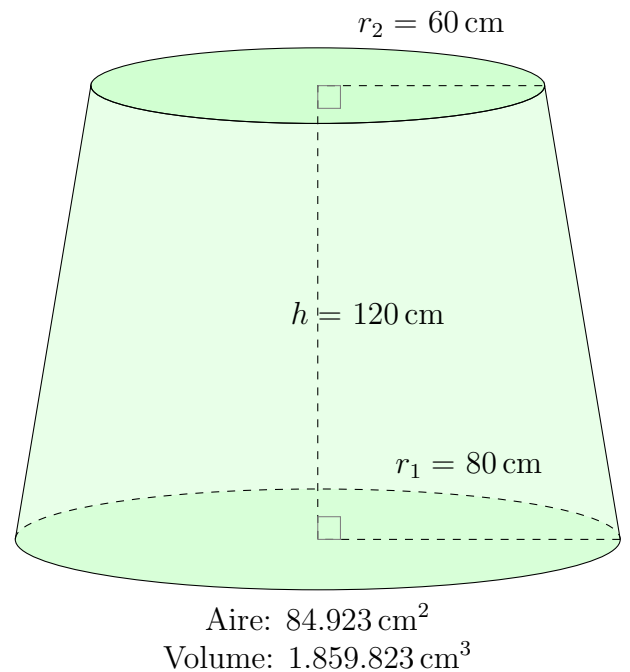
2.



3.



4.

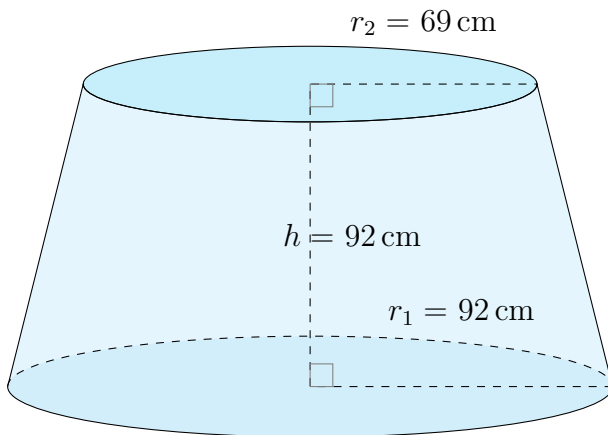


# Aire et Volume d'un Tronc de Cône (J)

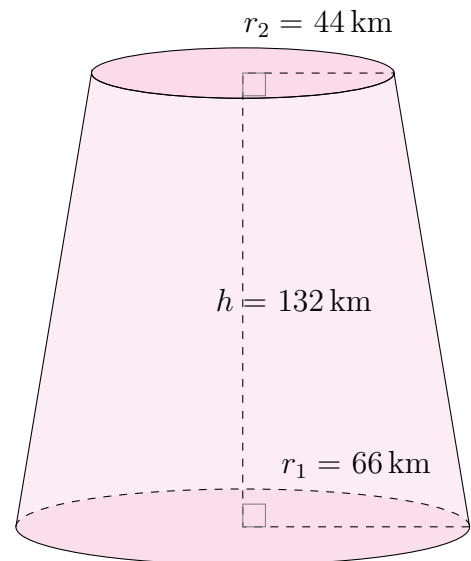
Calculez l'aire et le volume de chaque tronc de cône.

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

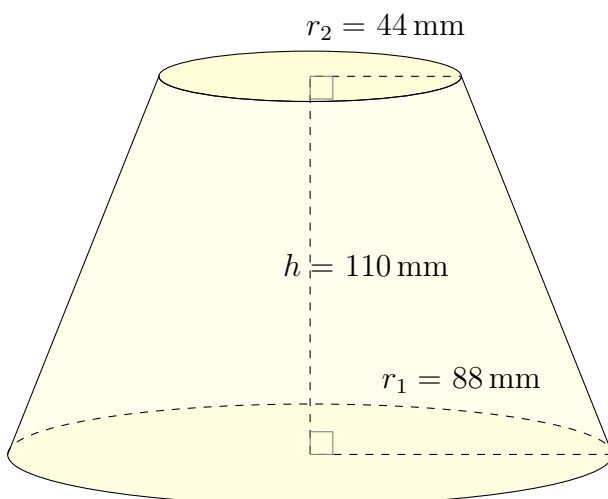
1.



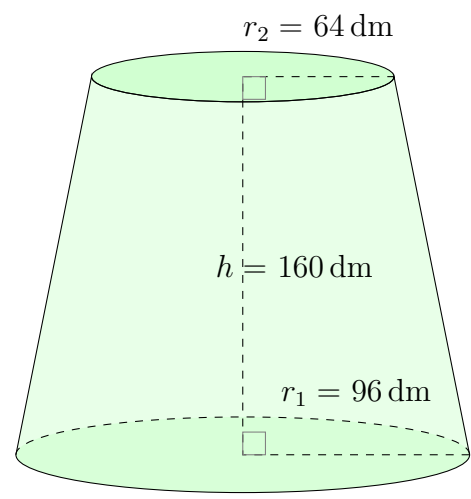
2.



3.



4.

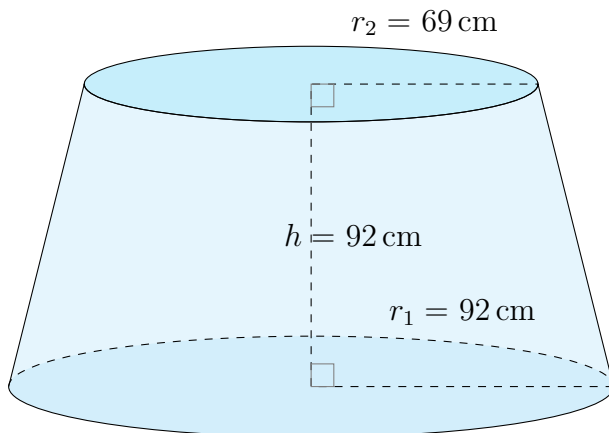


# Aire et Volume d'un Tronc de Cône (J) Réponses

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

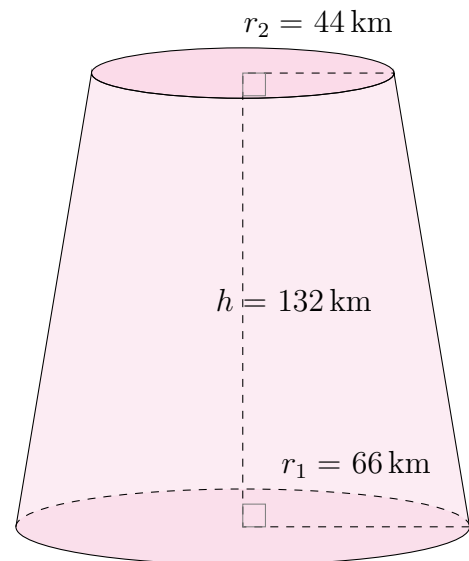
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



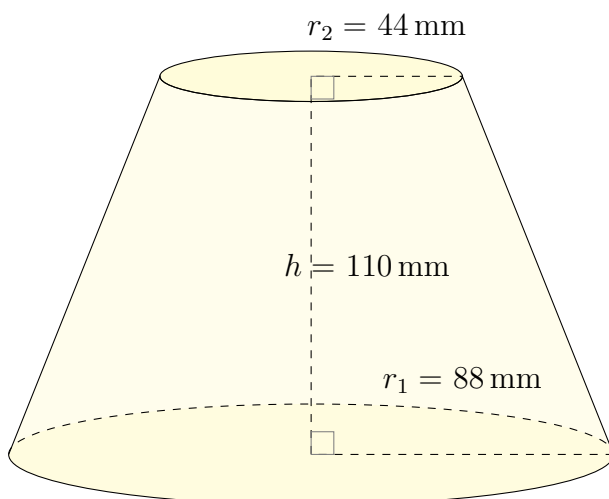
Aire:  $89.513 \text{ cm}^2$   
Volume:  $1.885.705 \text{ cm}^3$

2.



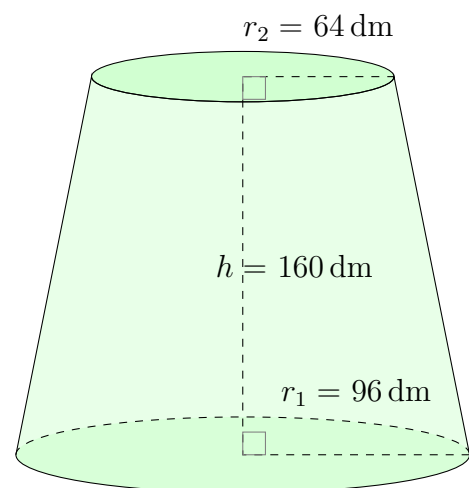
Aire:  $66.012 \text{ km}^2$   
Volume:  $1.271.164 \text{ km}^3$

3.



Aire:  $79.540 \text{ mm}^2$   
Volume:  $1.561.078 \text{ mm}^3$

4.



Aire:  $123.838 \text{ dm}^2$   
Volume:  $3.259.884 \text{ dm}^3$