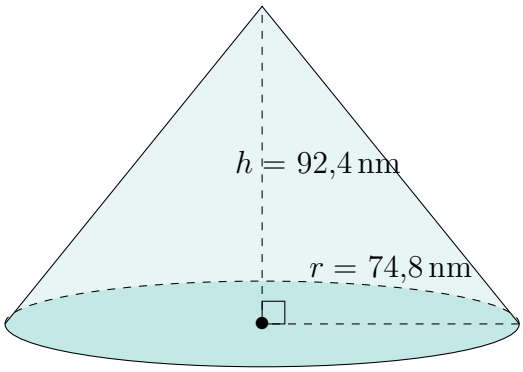
Aire et Volume d'un Cône (A)

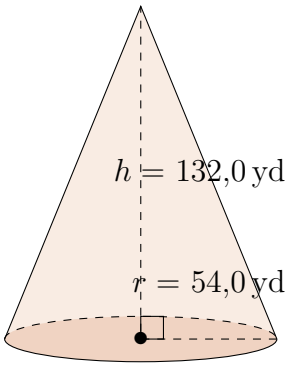
Calculez l'aire et le volume de chaque cône.

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

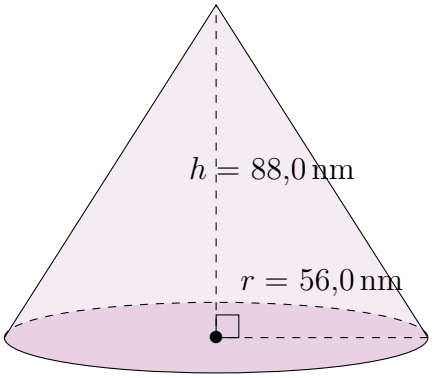
1.



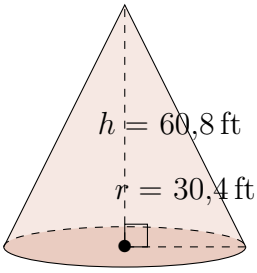
2.



3.



4.

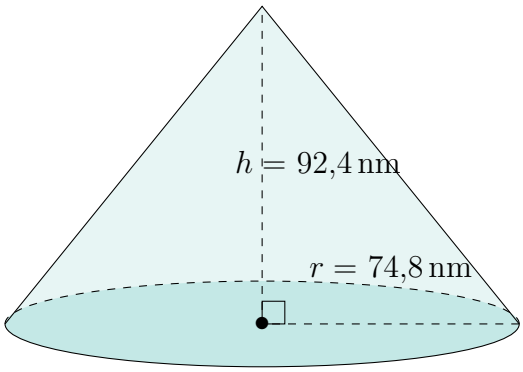


Aire et Volume d'un Cône (A) Réponses

Calculez l'aire et le volume de chaque cône.

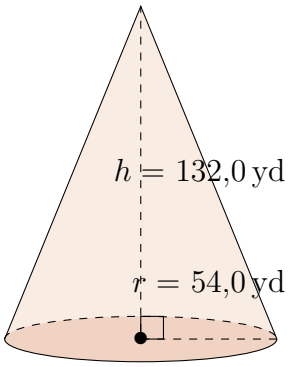
$$\text{Aire} = \pi r(r + \sqrt{h^2 + r^2}) \quad \text{Volume} = \pi r^2 \frac{h}{3}$$

1.



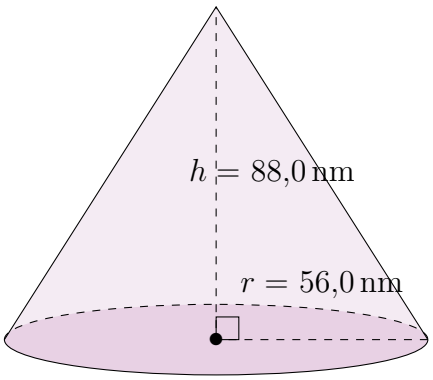
Aire: $45.513{,}4\,\text{nm}^2$
Volume: $541.382{,}0\,\text{nm}^3$

2.



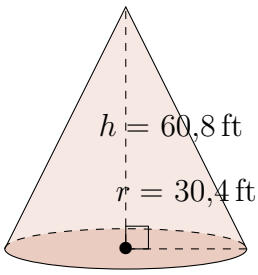
Aire: $33.355{,}5\,\text{yd}^2$
Volume: $403.078{,}9\,\text{yd}^3$

3.



Aire: $28.202{,}7\,\text{nm}^2$
Volume: $288.993{,}0\,\text{nm}^3$

4.



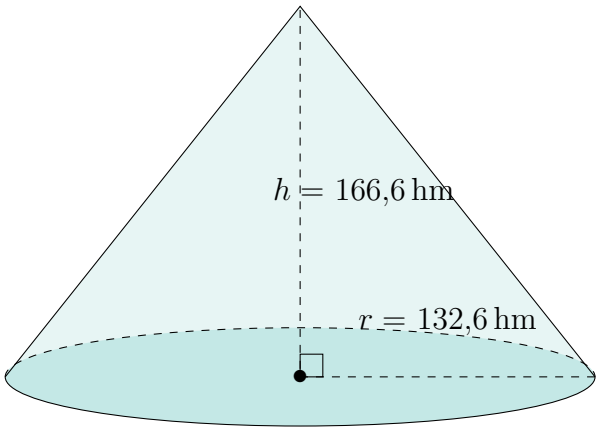
Aire: $9395{,}4\,\text{ft}^2$
Volume: $58.840{,}9\,\text{ft}^3$

Aire et Volume d'un Cône (B)

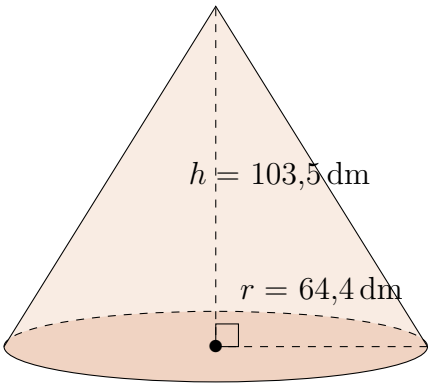
Calculez l'aire et le volume de chaque cône.

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

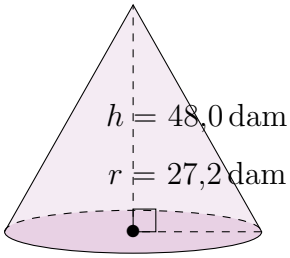
1.



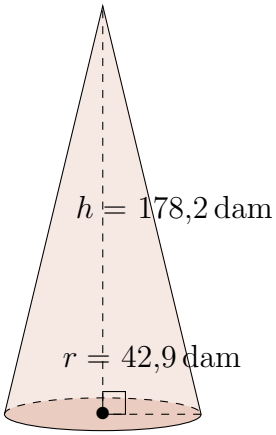
2.



3.



4.

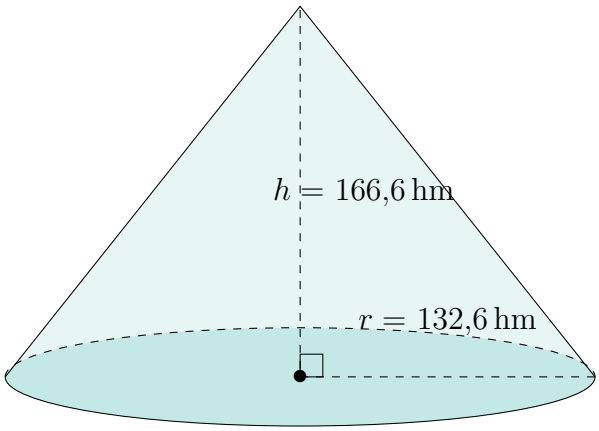


Aire et Volume d'un Cône (B) Réponses

Calculez l'aire et le volume de chaque cône.

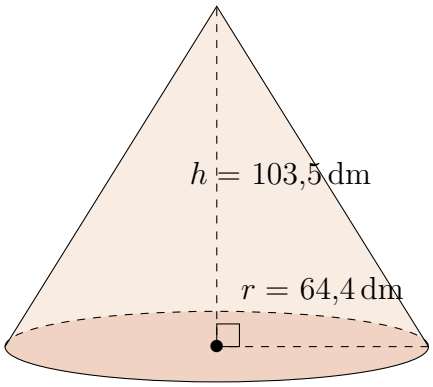
$$\text{Aire} = \pi r(r + \sqrt{h^2 + r^2}) \quad \text{Volume} = \pi r^2 \frac{h}{3}$$

1.



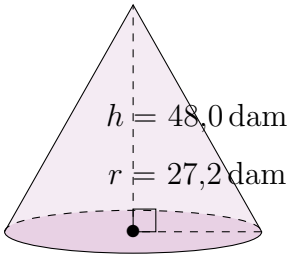
Aire: $143.938{,}4\,\text{hm}^2$
Volume: $3.067.543{,}0\,\text{hm}^3$

2.



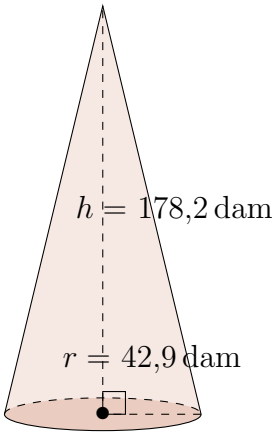
Aire: $37.691{,}9\,\text{dm}^2$
Volume: $449.511{,}4\,\text{dm}^3$

3.



Aire: $7038{,}7\,\text{dam}^2$
Volume: $37.188{,}4\,\text{dam}^3$

4.



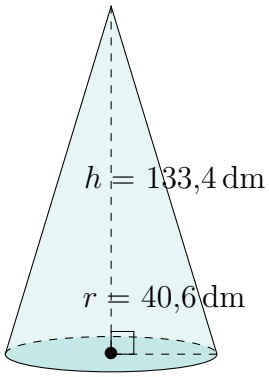
Aire: $30.484{,}8\,\text{dam}^2$
Volume: $343.440{,}0\,\text{dam}^3$

Aire et Volume d'un Cône (C)

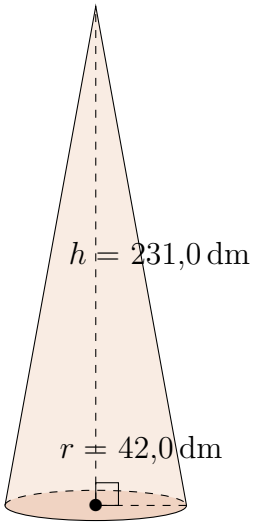
Calculez l'aire et le volume de chaque cône.

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

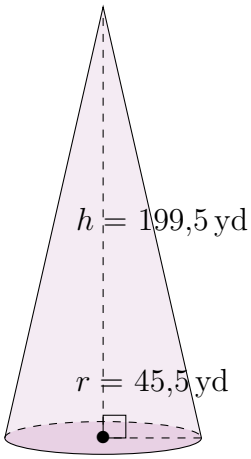
1.



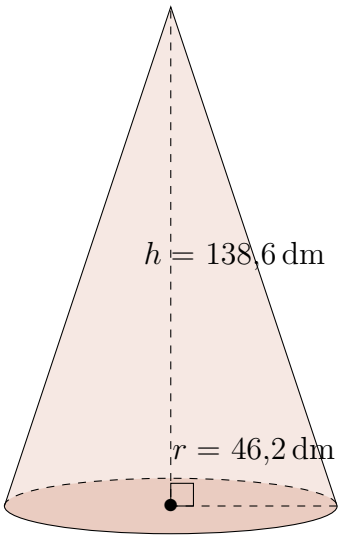
2.



3.



4.

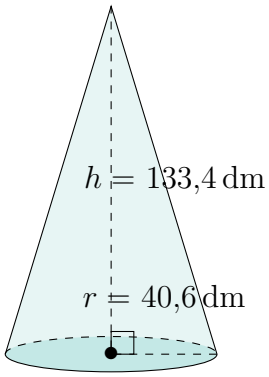


Aire et Volume d'un Cône (C) Réponses

Calculez l'aire et le volume de chaque cône.

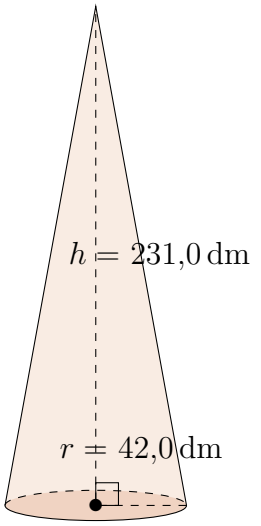
$$\text{Aire} = \pi r(r + \sqrt{h^2 + r^2}) \quad \text{Volume} = \pi r^2 \frac{h}{3}$$

1.



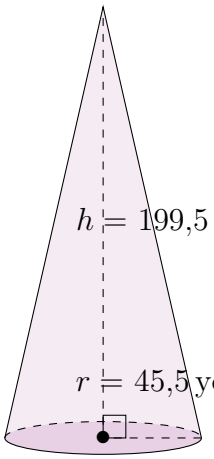
Aire: $22.964{,}0\,\text{dm}^2$
Volume: $230.269{,}6\,\text{dm}^3$

2.



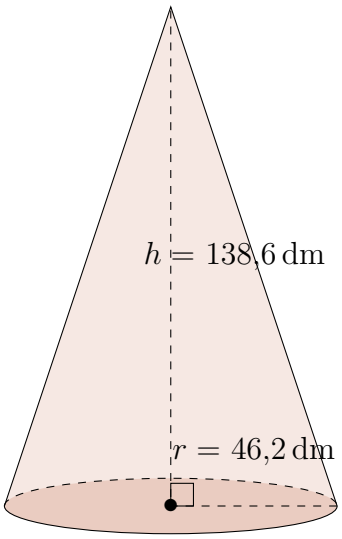
Aire: $36.521{,}2\,\text{dm}^2$
Volume: $426.716{,}2\,\text{dm}^3$

3.



Aire: $35.753{,}2\,\text{yd}^2$
Volume: $432.508{,}2\,\text{yd}^3$

4.



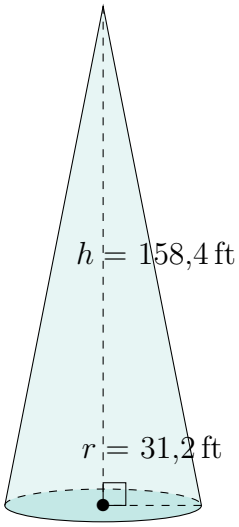
Surface Area: $27.910{,}3\,\text{dm}^2$
Volume: $309.796{,}0\,\text{dm}^3$

Aire et Volume d'un Cône (D)

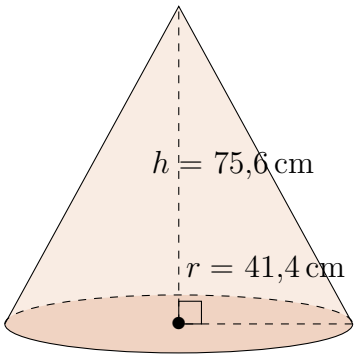
Calculez l'aire et le volume de chaque cône.

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

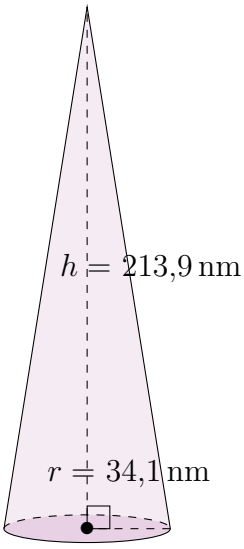
1.



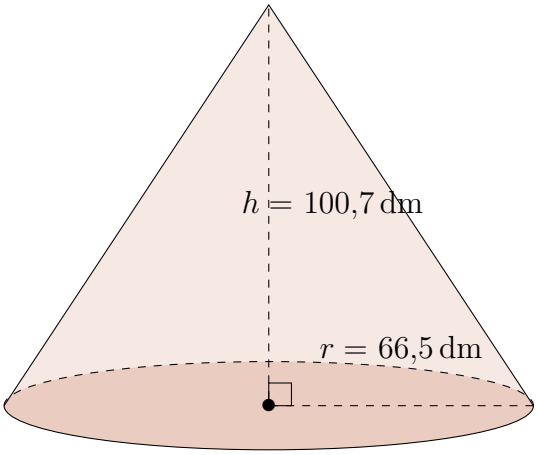
2.



3.



4.

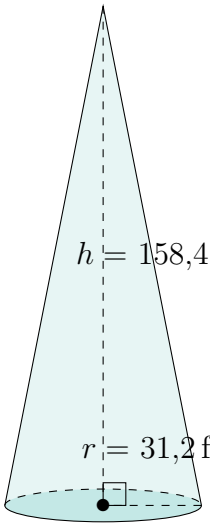


Aire et Volume d'un Cône (D) Réponses

Calculez l'aire et le volume de chaque cône.

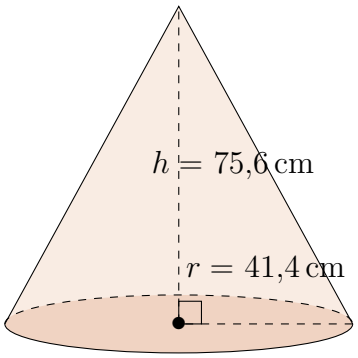
$$\text{Aire} = \pi r(r + \sqrt{h^2 + r^2}) \quad \text{Volume} = \pi r^2 \frac{h}{3}$$

1.



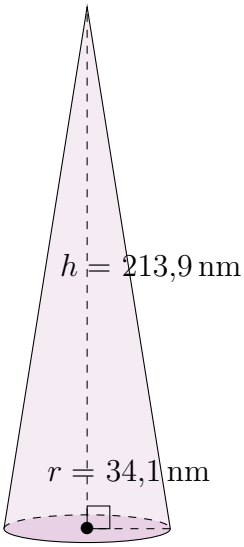
Aire: $18.882{,}5\,\text{ft}^2$
Volume: $161.470{,}4\,\text{ft}^3$

2.



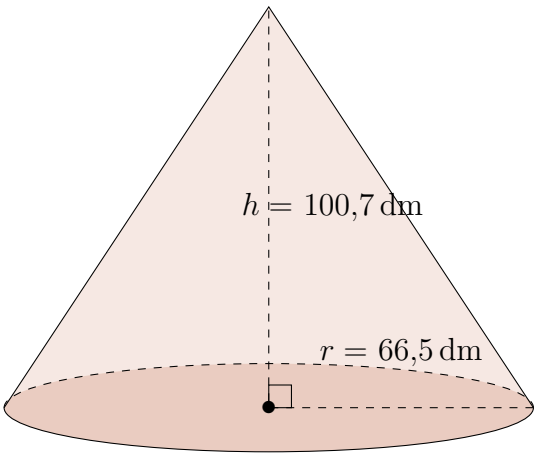
Aire: $16.595{,}1\,\text{cm}^2$
Volume: $135.691{,}0\,\text{cm}^3$

3.



Aire: $26.857{,}2\,\text{nm}^2$
Volume: $260.464{,}3\,\text{nm}^3$

4.



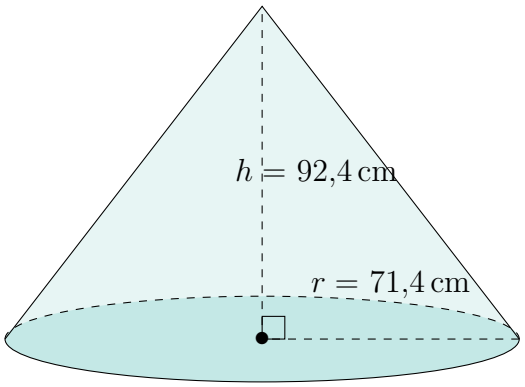
Aire: $39.104{,}1\,\text{dm}^2$
Volume: $466.338{,}6\,\text{dm}^3$

Aire et Volume d'un Cône (E)

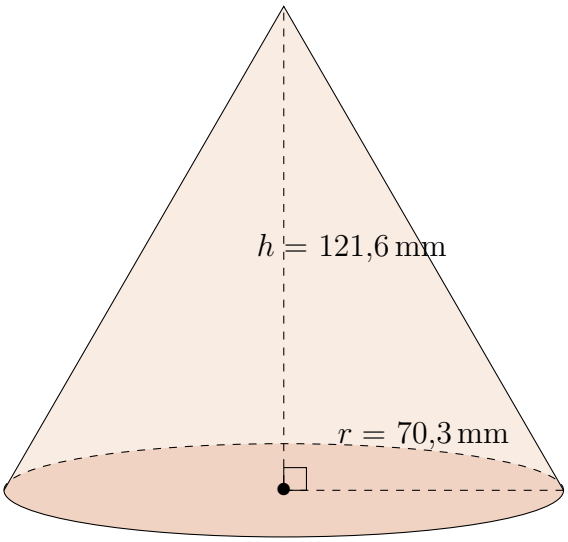
Calculez l'aire et le volume de chaque cône.

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

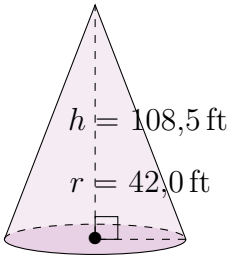
1.



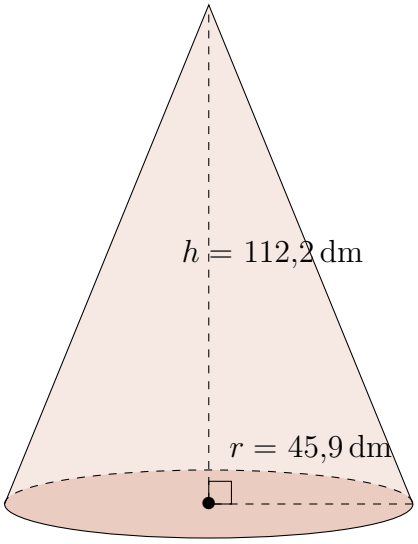
2.



3.



4.

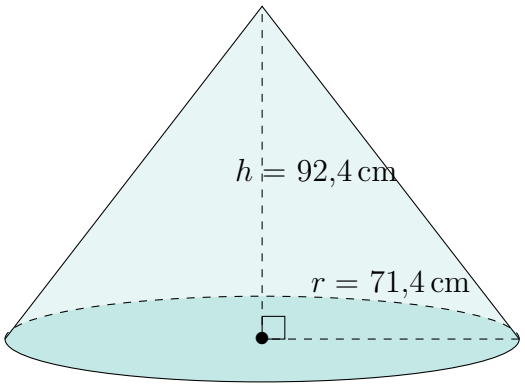


Aire et Volume d'un Cône (E) Réponses

Calculez l'aire et le volume de chaque cône.

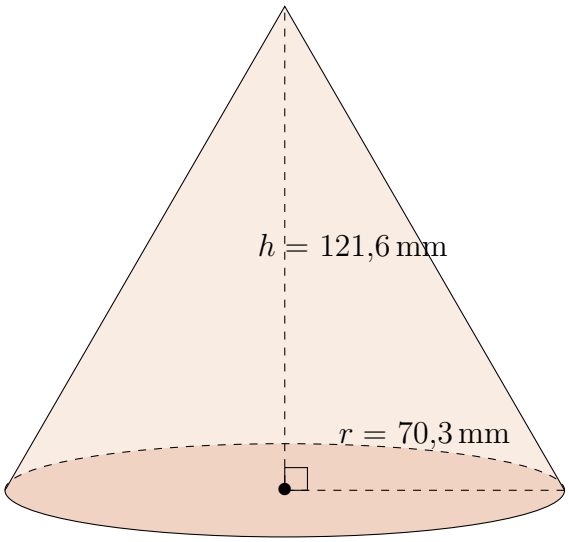
$$\text{Aire} = \pi r(r + \sqrt{h^2 + r^2}) \quad \text{Volume} = \pi r^2 \frac{h}{3}$$

1.



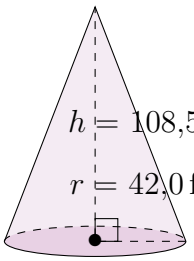
Aire: $42.208{,}8\,\text{cm}^2$
Volume: $493.284{,}0\,\text{cm}^3$

2.



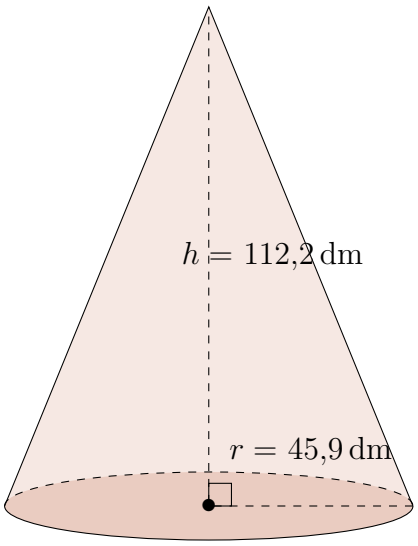
Aire: $46.546{,}9\,\text{mm}^2$
Volume: $629.321{,}9\,\text{mm}^3$

3.



Aire: $20.893{,}2\,\text{ft}^2$
Volume: $200.427{,}3\,\text{ft}^3$

4.



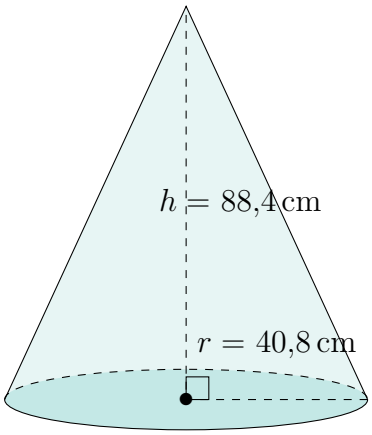
Aire: $24.099{,}4\,\text{dm}^2$
Volume: $247.540{,}8\,\text{dm}^3$

Aire et Volume d'un Cône (F)

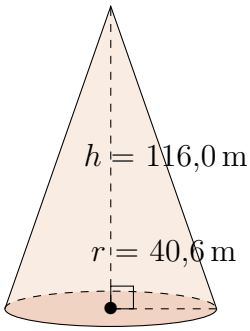
Calculez l'aire et le volume de chaque cône.

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

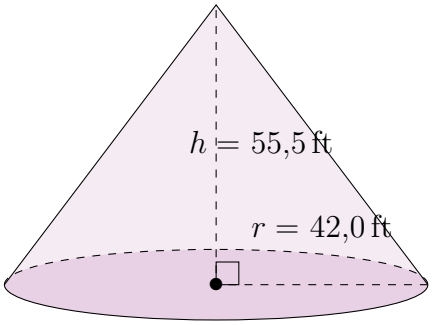
1.



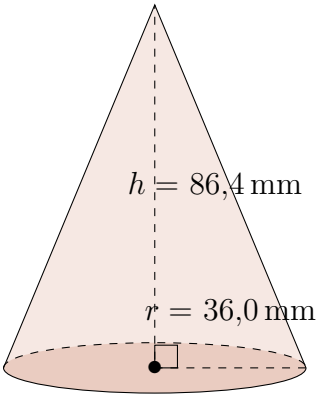
2.



3.



4.

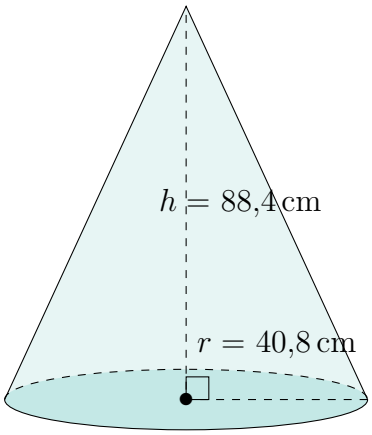


Aire et Volume d'un Cône (F) Réponses

Calculez l'aire et le volume de chaque cône.

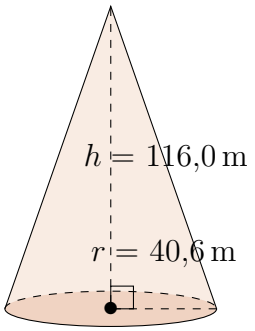
$$\text{Aire} = \pi r(r + \sqrt{h^2 + r^2}) \quad \text{Volume} = \pi r^2 \frac{h}{3}$$

1.



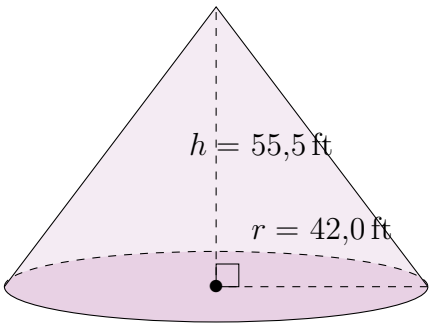
Surface Area: $17.709{,}1\,\text{cm}^2$
Volume: $154.099{,}5\,\text{cm}^3$

2.



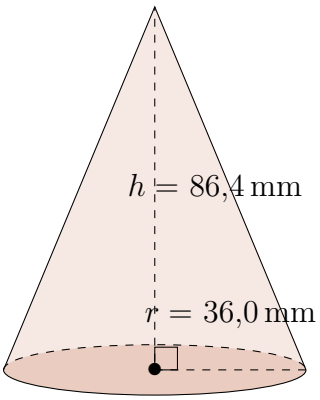
Aire: $20.854{,}2\,\text{m}^2$
Volume: $200.234{,}4\,\text{m}^3$

3.



Aire: $14.725{,}4\,\text{ft}^2$
Volume: $102.522{,}7\,\text{ft}^3$

4.



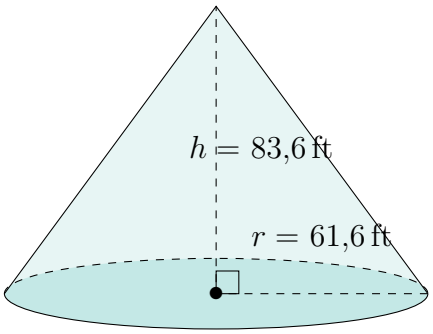
Aire: $14.657{,}4\,\text{mm}^2$
Volume: $117.259{,}3\,\text{mm}^3$

Aire et Volume d'un Cône (G)

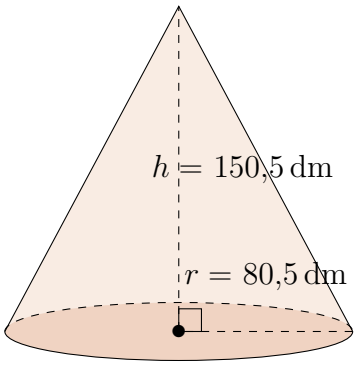
Calculez l'aire et le volume de chaque cône.

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

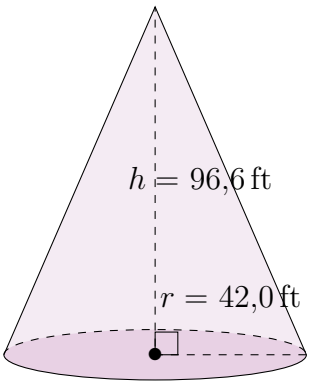
1.



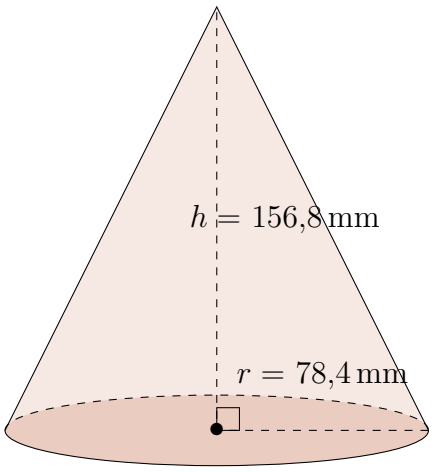
2.



3.



4.

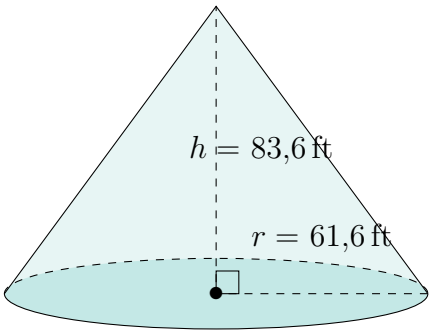


Aire et Volume d'un Cône (G) Réponses

Calculez l'aire et le volume de chaque cône.

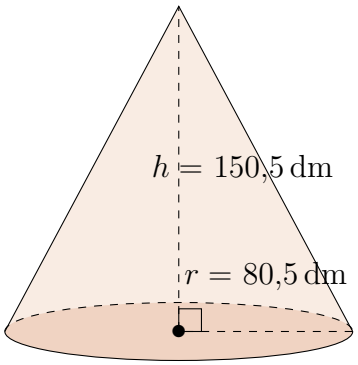
$$\text{Aire} = \pi r(r + \sqrt{h^2 + r^2}) \quad \text{Volume} = \pi r^2 \frac{h}{3}$$

1.



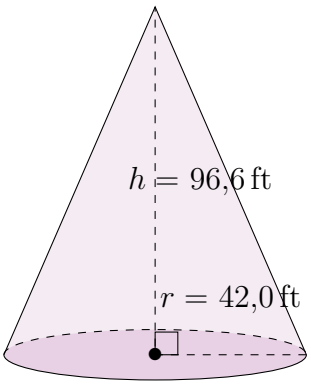
Aire: $32.017{,}0\,\text{ft}^2$
Volume: $332.197{,}5\,\text{ft}^3$

2.



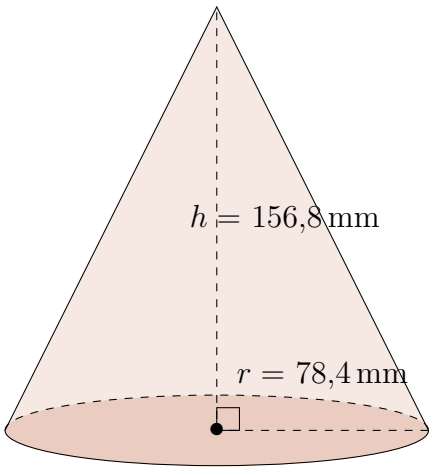
Aire: $63.522{,}1\,\text{dm}^2$
Volume: $1.021.308{,}3\,\text{dm}^3$

3.



Aire: $19.440{,}5\,\text{ft}^2$
Volume: $178.445{,}0\,\text{ft}^3$

4.



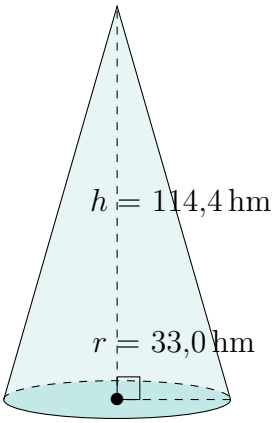
Aire: $62.488{,}4\,\text{mm}^2$
Volume: $1.009.268{,}7\,\text{mm}^3$

Aire et Volume d'un Cône (H)

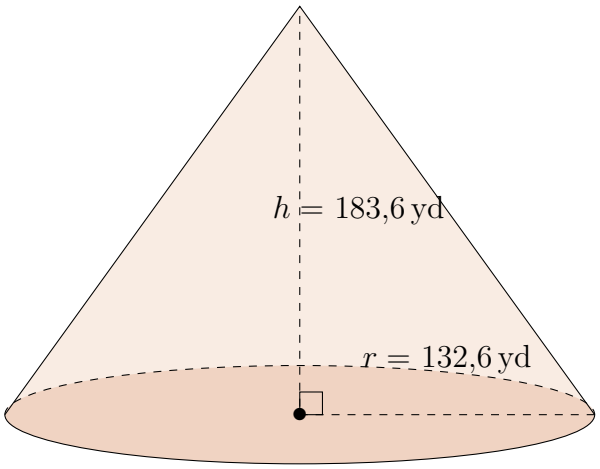
Calculez l'aire et le volume de chaque cône.

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

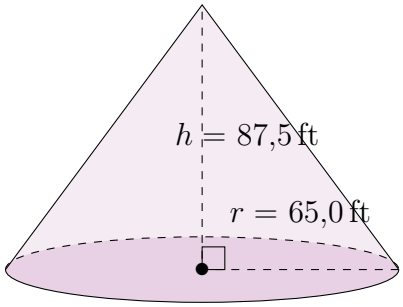
1.



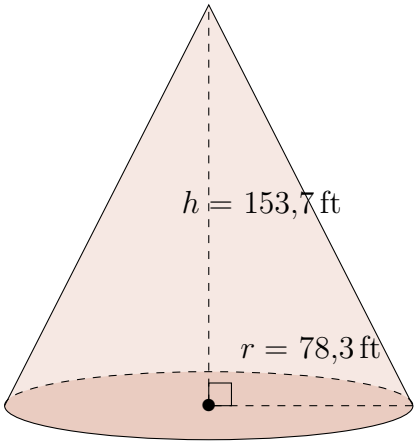
2.



3.



4.

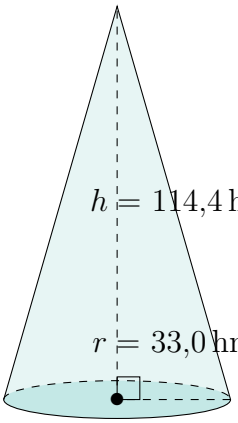


Aire et Volume d'un Cône (H) Réponses

Calculez l'aire et le volume de chaque cône.

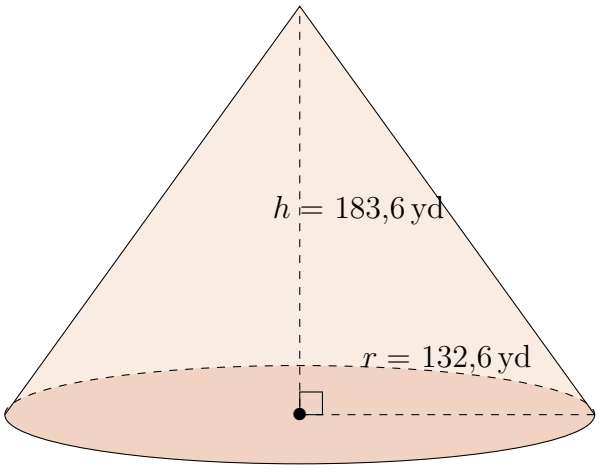
$$\text{Aire} = \pi r(r + \sqrt{h^2 + r^2}) \quad \text{Volume} = \pi r^2 \frac{h}{3}$$

1.



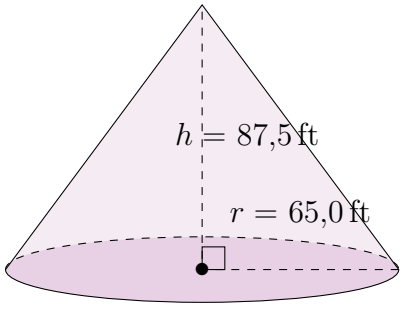
Aire: $15.764{,}9\,\text{hm}^2$
Volume: $130.461{,}5\,\text{hm}^3$

2.



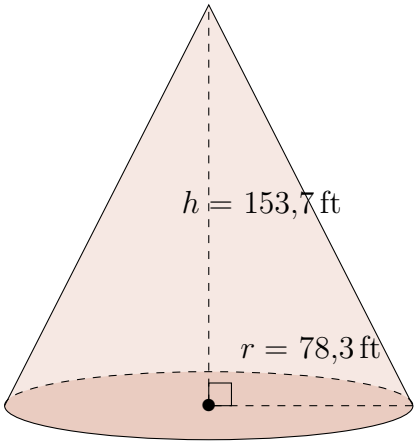
Surface Area: $149.582{,}5\,\text{yd}^2$
Volume: $3.380.557{,}6\,\text{yd}^3$

3.



Surface Area: $35.531{,}6\,\text{ft}^2$
Volume: $387.135{,}8\,\text{ft}^3$

4.



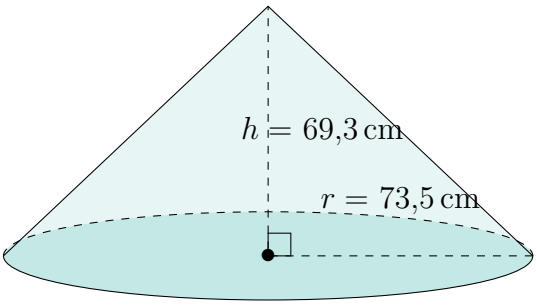
Surface Area: $61.692{,}3\,\text{ft}^2$
Volume: $986.792{,}9\,\text{ft}^3$

Aire et Volume d'un Cône (I)

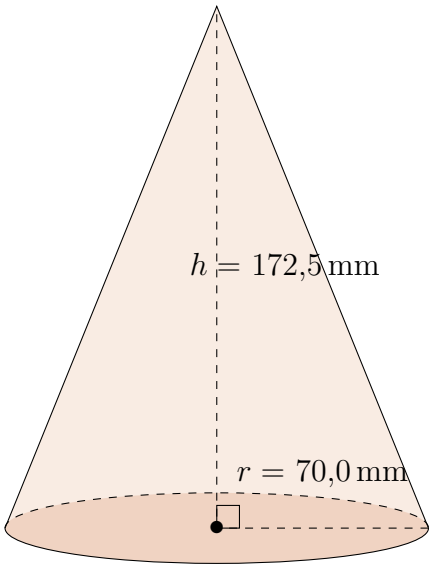
Calculez l'aire et le volume de chaque cône.

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

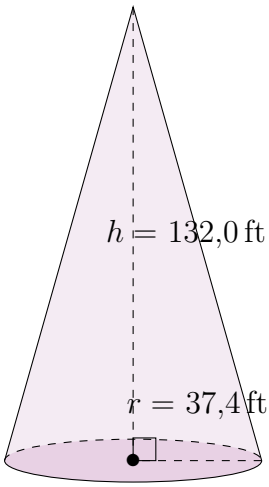
1.



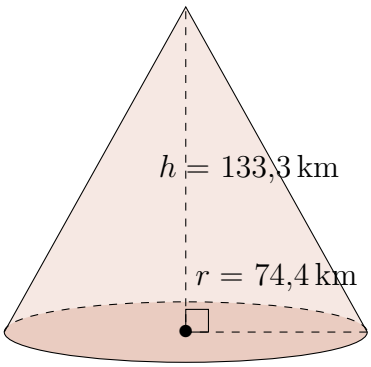
2.



3.



4.

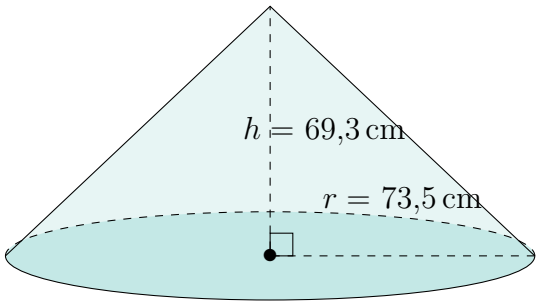


Aire et Volume d'un Cône (I) Réponses

Calculez l'aire et le volume de chaque cône.

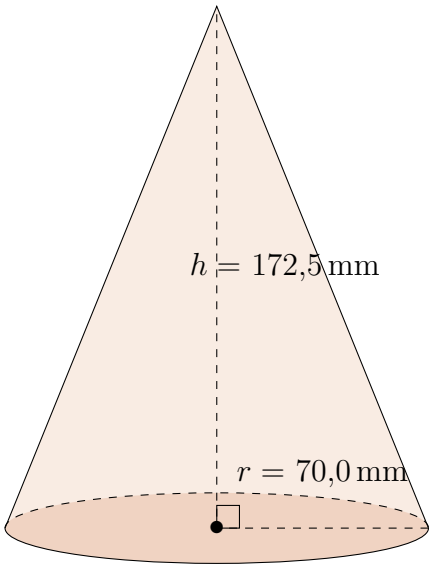
$$\text{Aire} = \pi r(r + \sqrt{h^2 + r^2}) \quad \text{Volume} = \pi r^2 \frac{h}{3}$$

1.



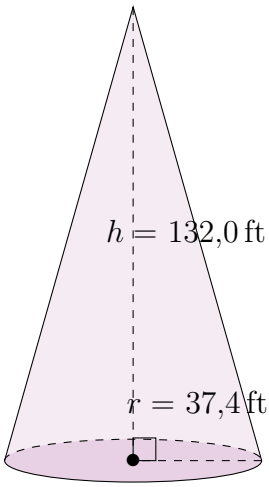
Aire: $40.297{,}6\,\text{cm}^2$
Volume: $392.045{,}6\,\text{cm}^3$

2.



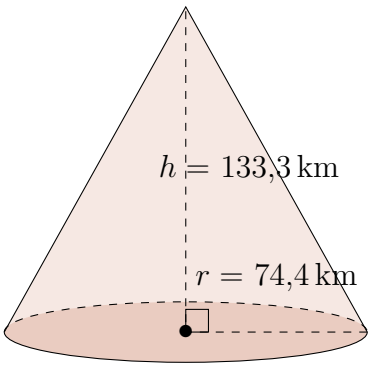
Aire: $56.332{,}9\,\text{mm}^2$
Volume: $885.143{,}7\,\text{mm}^3$

3.



Aire: $20.514{,}3\,\text{ft}^2$
Volume: $193.350{,}7\,\text{ft}^3$

4.



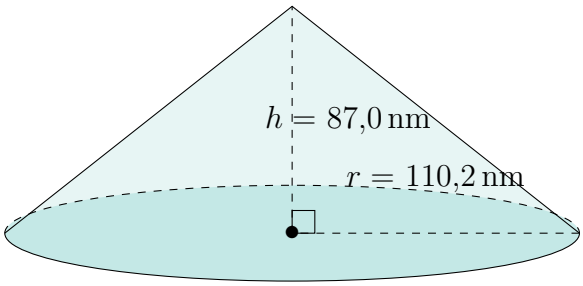
Aire: $53.071{,}1\,\text{km}^2$
Volume: $772.688{,}8\,\text{km}^3$

Aire et Volume d'un Cône (J)

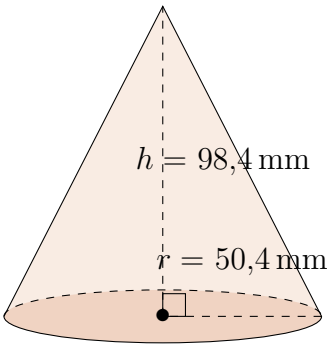
Calculez l'aire et le volume de chaque cône.

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

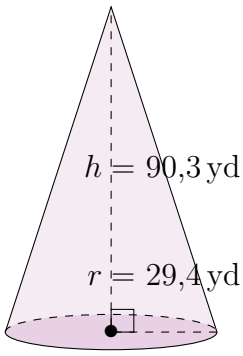
1.



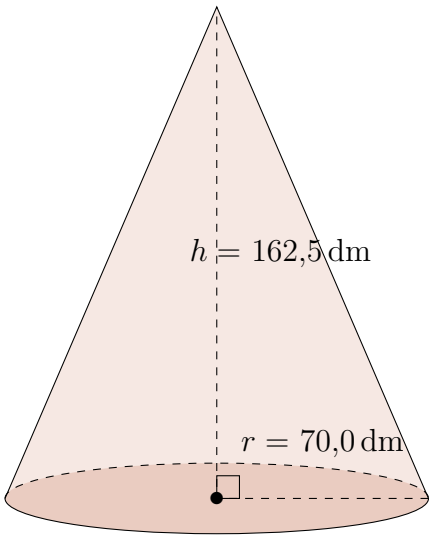
2.



3.



4.

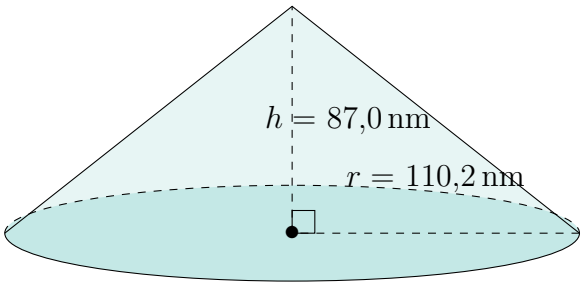


Aire et Volume d'un Cône (J) Réponses

Calculez l'aire et le volume de chaque cône.

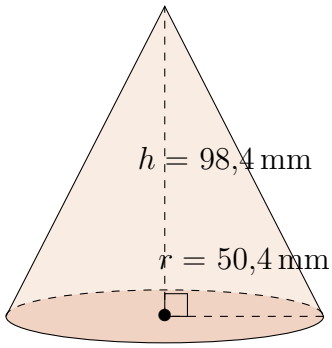
$$\text{Aire} = \pi r(r + \sqrt{h^2 + r^2}) \quad \text{Volume} = \pi r^2 \frac{h}{3}$$

1.



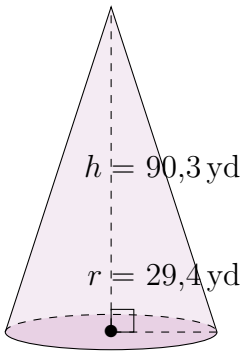
Aire: $86.759{,}7\,\text{nm}^2$
Volume: $1.106.397{,}2\,\text{nm}^3$

2.



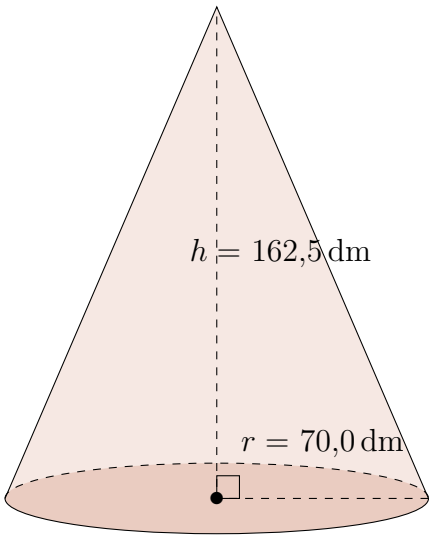
Aire: $25.485{,}2\,\text{mm}^2$
Volume: $261.748{,}9\,\text{mm}^3$

3.



Aire: $11.486{,}8\,\text{yd}^2$
Volume: $81.735{,}6\,\text{yd}^3$

4.



Aire: $54.304{,}0\,\text{dm}^2$
Volume: $833.831{,}1\,\text{dm}^3$