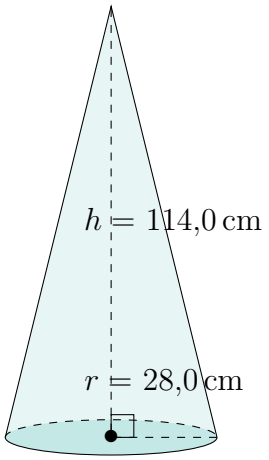
Aire et Volume d'un Cône (A)

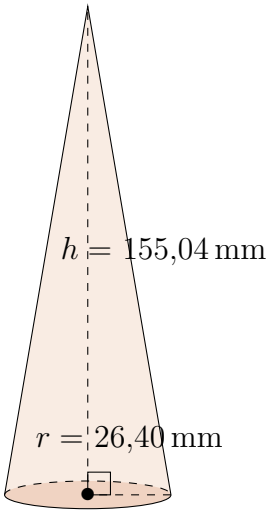
Calculez l'aire et le volume de chaque cône.

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

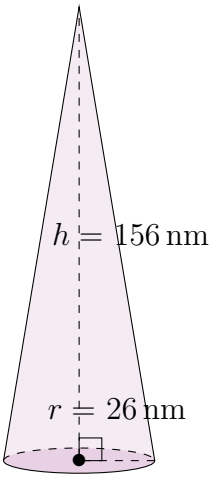
1.



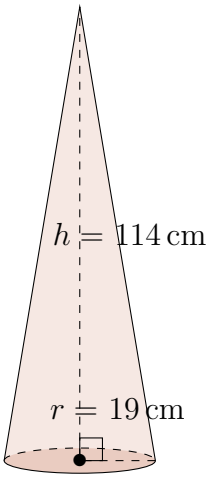
2.



3.



4.

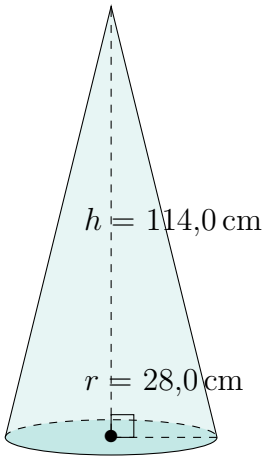


Aire et Volume d'un Cône (A) Réponses

Calculez l'aire et le volume de chaque cône.

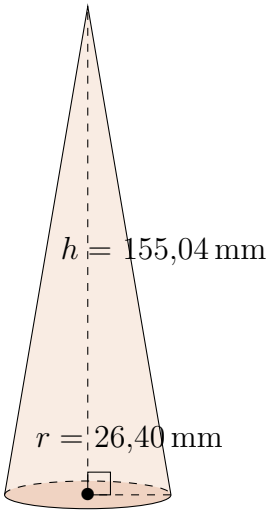
$$\text{Aire} = \pi r(r + \sqrt{h^2 + r^2}) \quad \text{Volume} = \pi r^2 \frac{h}{3}$$

1.



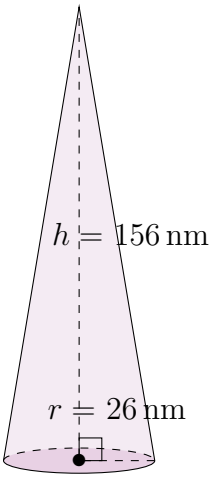
Aire: $12.789{,}0\,\text{cm}^2$
Volume: $93.594{,}3\,\text{cm}^3$

2.



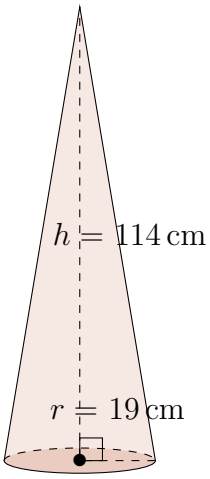
Aire: $15.233{,}37\,\text{mm}^2$
Volume: $113.156{,}69\,\text{mm}^3$

3.



Aire: $15.042\,\text{nm}^2$
Volume: $110.433\,\text{nm}^3$

4.



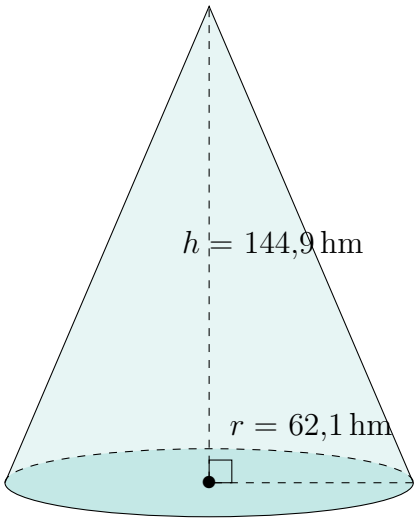
Aire: $8033\,\text{cm}^2$
Volume: $43.096\,\text{cm}^3$

Aire et Volume d'un Cône (B)

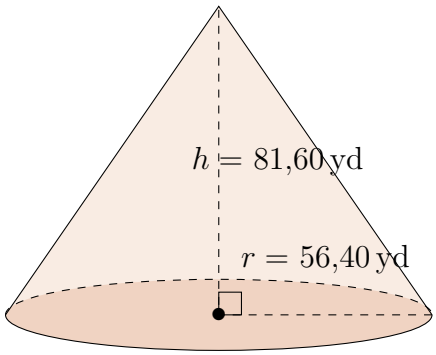
Calculez l'aire et le volume de chaque cône.

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

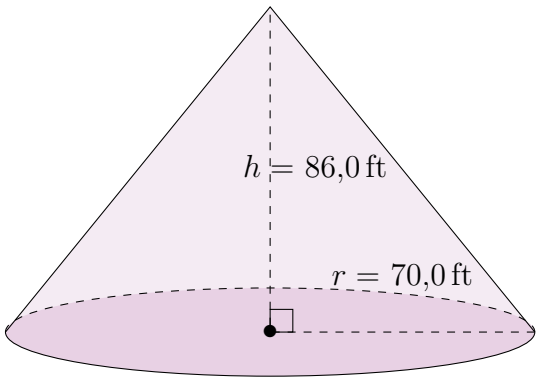
1.



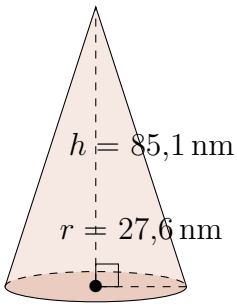
2.



3.



4.

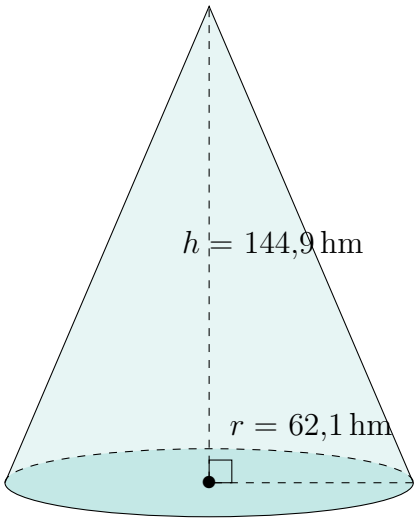


Aire et Volume d'un Cône (B) Réponses

Calculez l'aire et le volume de chaque cône.

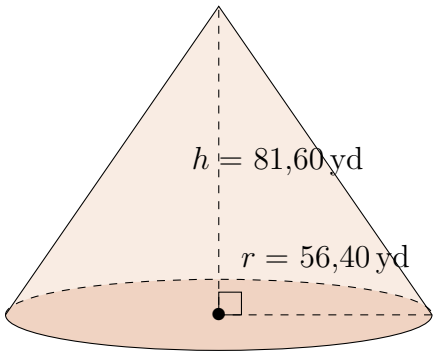
$$\text{Aire} = \pi r(r + \sqrt{h^2 + r^2}) \quad \text{Volume} = \pi r^2 \frac{h}{3}$$

1.



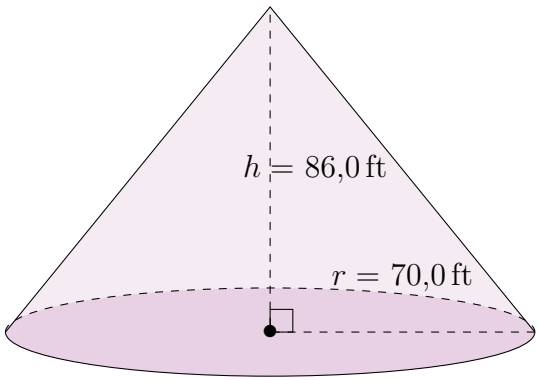
Aire: $42.871{,}0\,\text{hm}^2$
Volume: $585.167{,}5\,\text{hm}^3$

2.



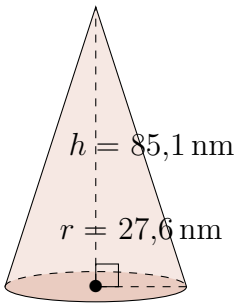
Aire: $27.569{,}11\,\text{yd}^2$
Volume: $271.817{,}23\,\text{yd}^3$

3.



Aire: $39.779{,}2\,\text{ft}^2$
Volume: $441.289{,}0\,\text{ft}^3$

4.



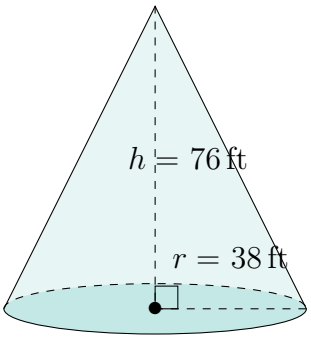
Aire: $10.150{,}4\,\text{nm}^2$
Volume: $67.885{,}4\,\text{nm}^3$

Aire et Volume d'un Cône (C)

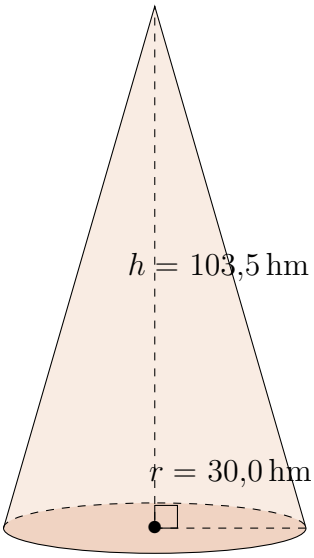
Calculez l'aire et le volume de chaque cône.

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

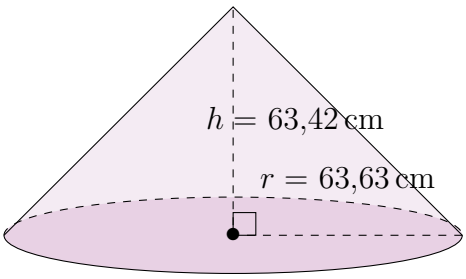
1.



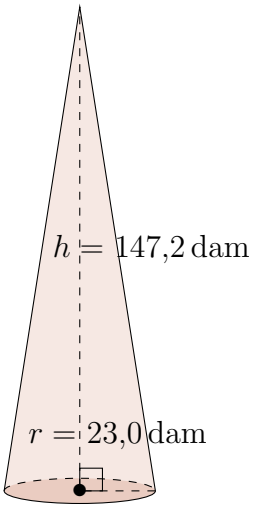
2.



3.



4.

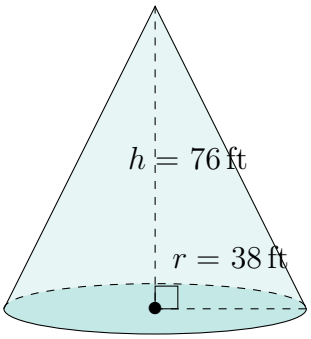


Aire et Volume d'un Cône (C) Réponses

Calculez l'aire et le volume de chaque cône.

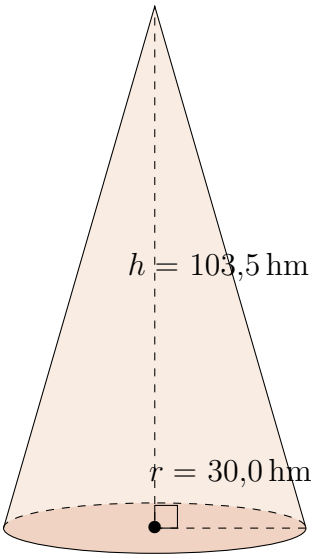
$$\text{Aire} = \pi r(r + \sqrt{h^2 + r^2}) \quad \text{Volume} = \pi r^2 \frac{h}{3}$$

1.



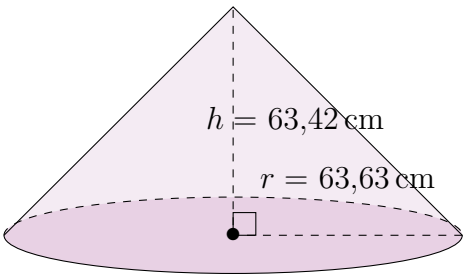
Aire: $14.680\,\text{ft}^2$
Volume: $114.924\,\text{ft}^3$

2.



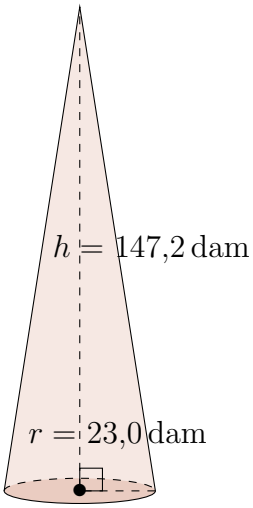
Aire: $12.983{,}6\,\text{hm}^2$
Volume: $97.546{,}5\,\text{hm}^3$

3.



Aire: $30.678{,}19\,\text{cm}^2$
Volume: $268.892{,}51\,\text{cm}^3$

4.



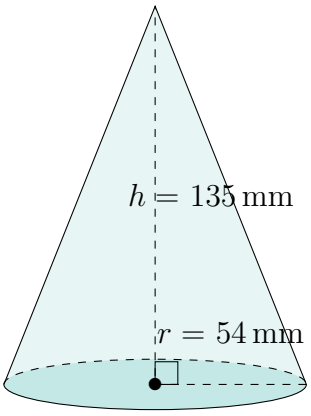
Surface Area: $12.427{,}1\,\text{dam}^2$
Volume: $81.544{,}0\,\text{dam}^3$

Aire et Volume d'un Cône (D)

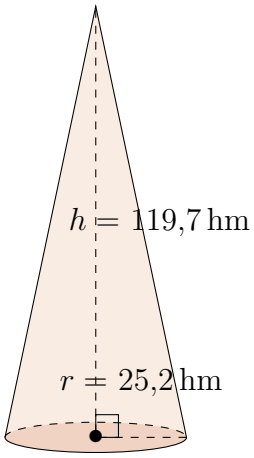
Calculez l'aire et le volume de chaque cône.

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

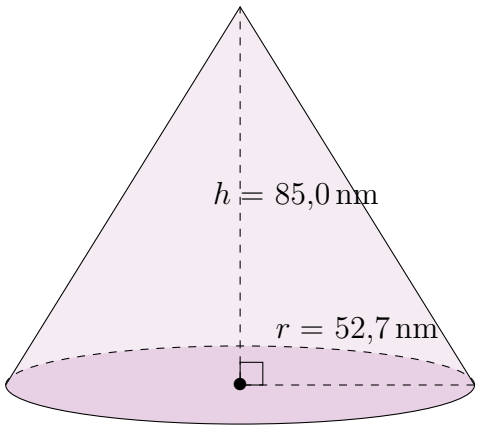
1.



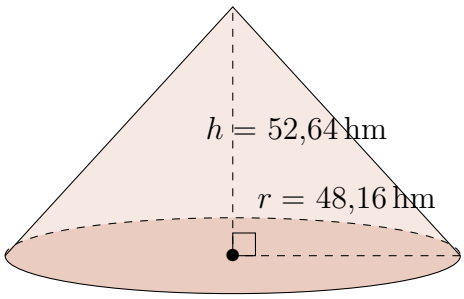
2.



3.



4.

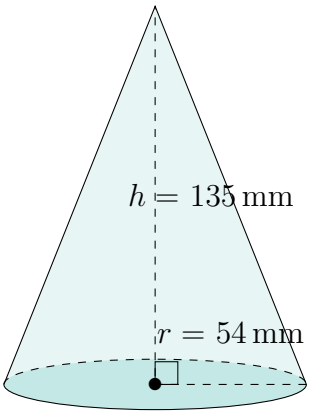


Aire et Volume d'un Cône (D) Réponses

Calculez l'aire et le volume de chaque cône.

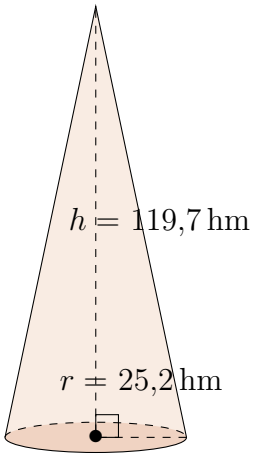
$$\text{Aire} = \pi r(r + \sqrt{h^2 + r^2}) \quad \text{Volume} = \pi r^2 \frac{h}{3}$$

1.



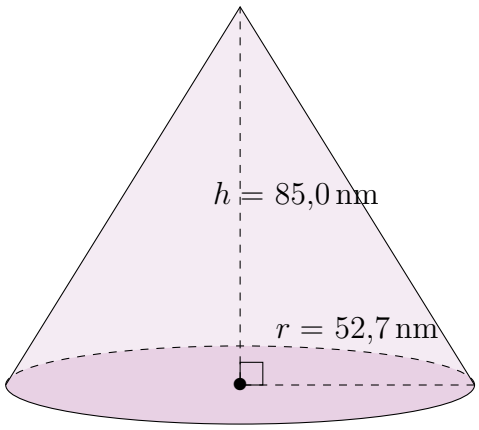
Aire: $33.827\,\text{mm}^2$
Volume: $412.240\,\text{mm}^3$

2.



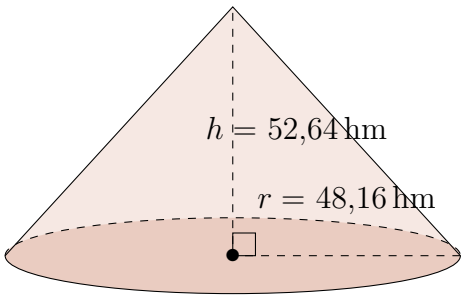
Aire: $11.679{,}2\,\text{hm}^2$
Volume: $79.602{,}0\,\text{hm}^3$

3.



Aire: $25.283{,}2\,\text{nm}^2$
Volume: $247.211{,}6\,\text{nm}^3$

4.



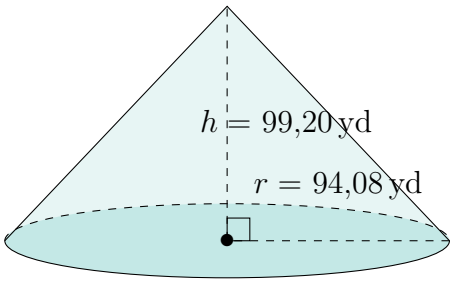
Aire: $18.081{,}26\,\text{hm}^2$
Volume: $127.854{,}92\,\text{hm}^3$

Aire et Volume d'un Cône (E)

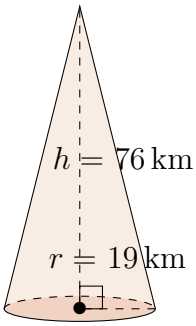
Calculez l'aire et le volume de chaque cône.

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

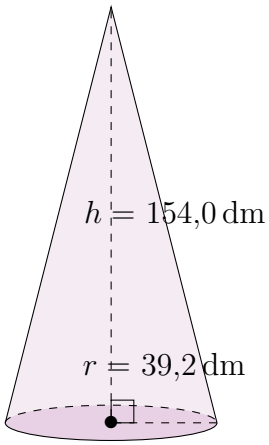
1.



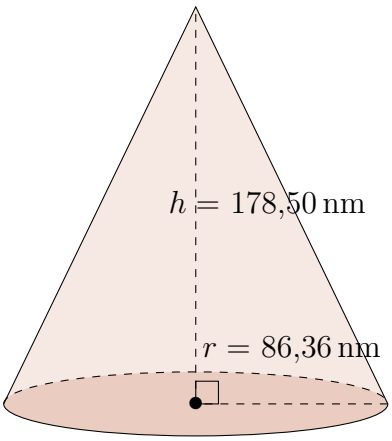
2.



3.



4.

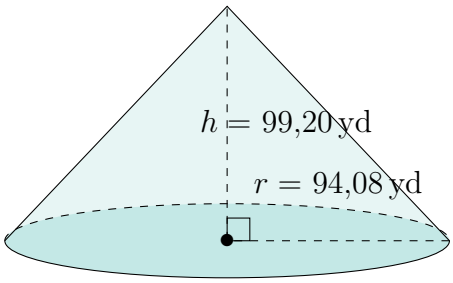


Aire et Volume d'un Cône (E) Réponses

Calculez l'aire et le volume de chaque cône.

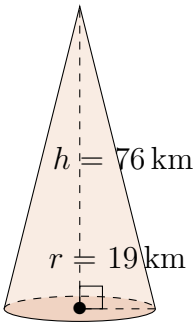
$$\text{Aire} = \pi r(r + \sqrt{h^2 + r^2}) \quad \text{Volume} = \pi r^2 \frac{h}{3}$$

1.



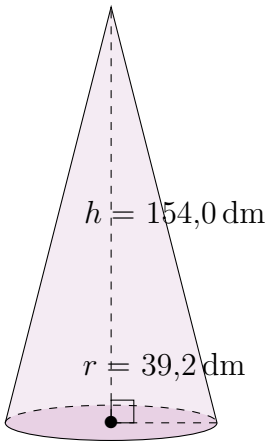
Aire: $68.214{,}76\,\text{yd}^2$
Volume: $919.464{,}38\,\text{yd}^3$

2.



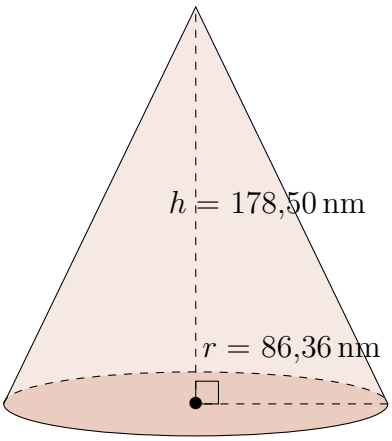
Aire: $5810\,\text{km}^2$
Volume: $28.731\,\text{km}^3$

3.



Aire: $24.397{,}4\,\text{dm}^2$
Volume: $247.811{,}5\,\text{dm}^3$

4.



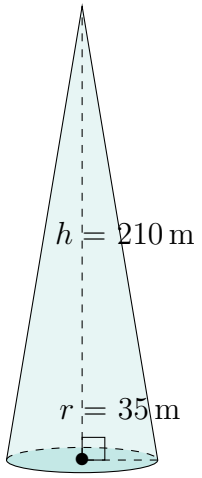
Aire: $77.228{,}75\,\text{nm}^2$
Volume: $1.394.094{,}15\,\text{nm}^3$

Aire et Volume d'un Cône (F)

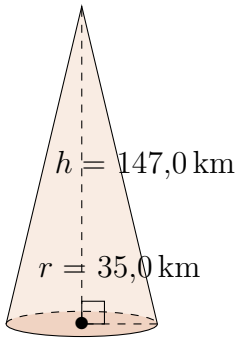
Calculez l'aire et le volume de chaque cône.

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

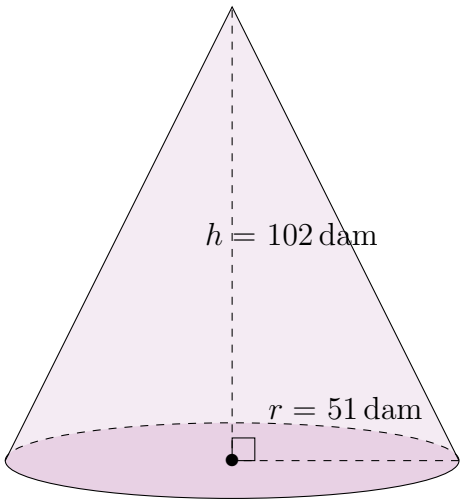
1.



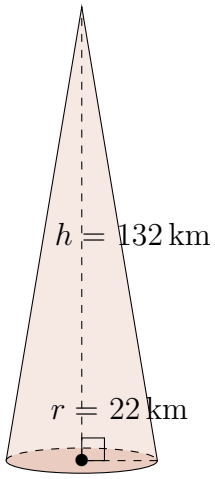
2.



3.



4.

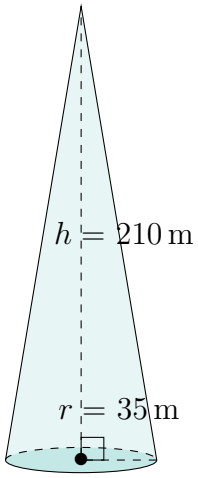


Aire et Volume d'un Cône (F) Réponses

Calculez l'aire et le volume de chaque cône.

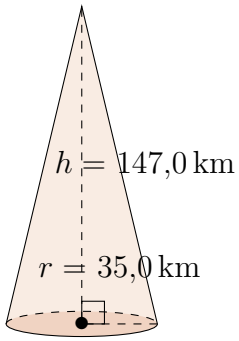
$$\text{Aire} = \pi r(r + \sqrt{h^2 + r^2}) \quad \text{Volume} = \pi r^2 \frac{h}{3}$$

1.



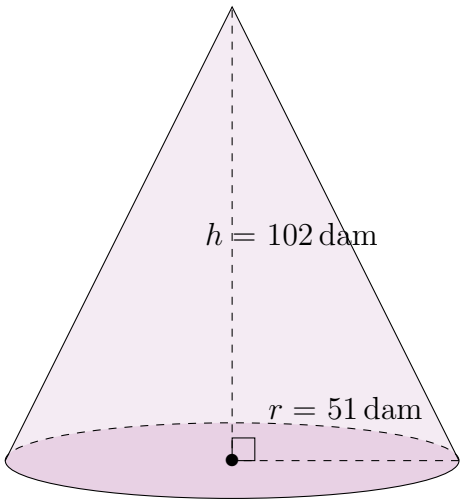
Surface Area: $27.258\,\text{m}^2$
Volume: $269.392\,\text{m}^3$

2.



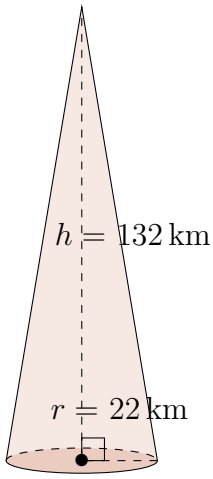
Aire: $20.463{,}8\,\text{km}^2$
Volume: $188.574{,}1\,\text{km}^3$

3.



Aire: $26.443\,\text{dam}^2$
Volume: $277.824\,\text{dam}^3$

4.



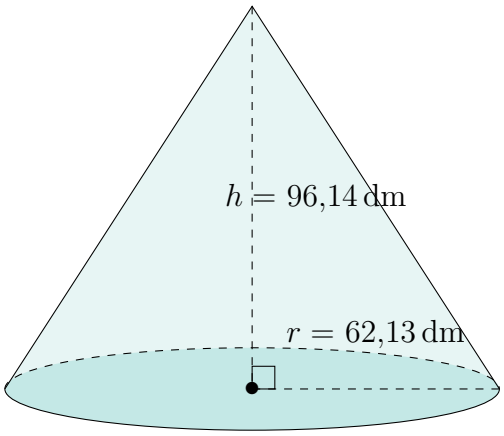
Aire: $10.770\,\text{km}^2$
Volume: $66.903\,\text{km}^3$

Aire et Volume d'un Cône (G)

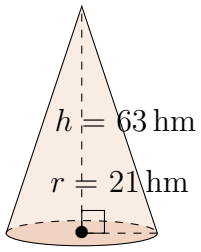
Calculez l'aire et le volume de chaque cône.

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

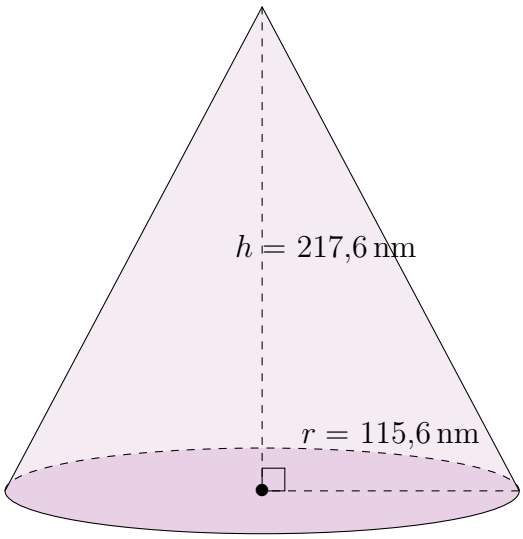
1.



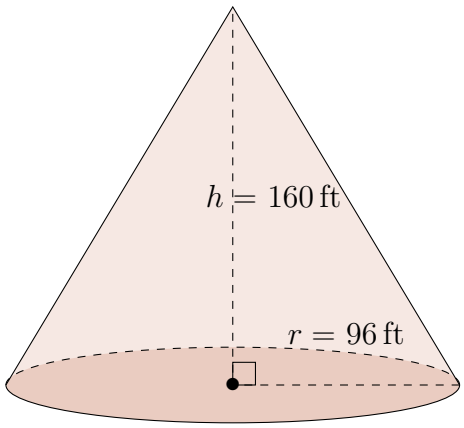
2.



3.



4.

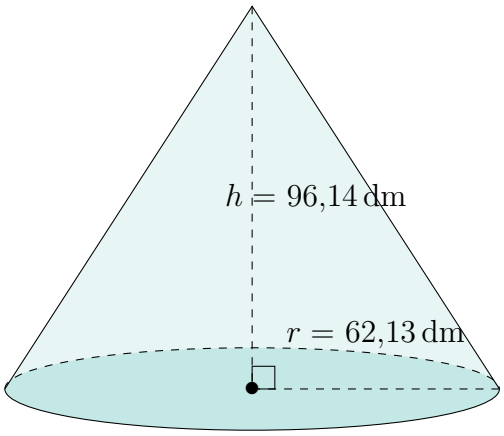


Aire et Volume d'un Cône (G) Réponses

Calculez l'aire et le volume de chaque cône.

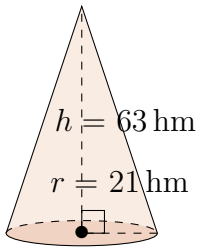
$$\text{Aire} = \pi r(r + \sqrt{h^2 + r^2}) \quad \text{Volume} = \pi r^2 \frac{h}{3}$$

1.



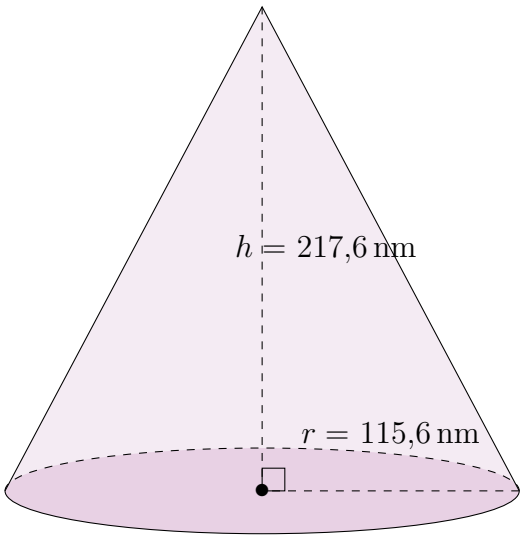
Aire: $34.469{,}76\,\text{dm}^2$
Volume: $388.629{,}21\,\text{dm}^3$

2.



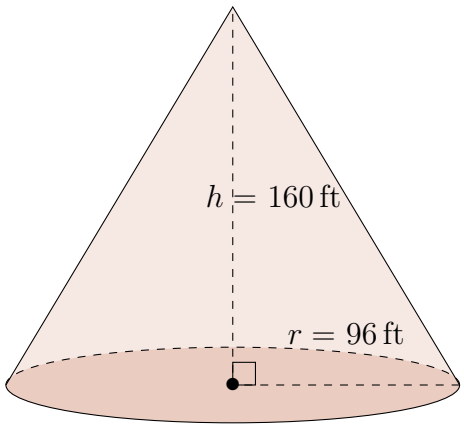
Aire: $5767\,\text{hm}^2$
Volume: $29.094\,\text{hm}^3$

3.



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

4.



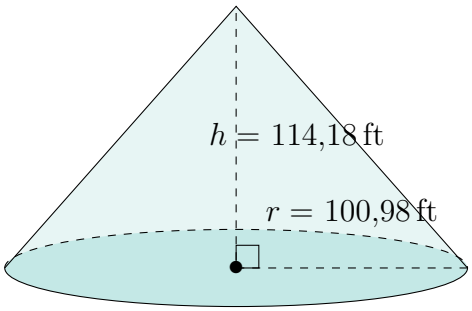
Aire: $85.227\,\text{ft}^2$
Volume: $1.544.156\,\text{ft}^3$

Aire et Volume d'un Cône (H)

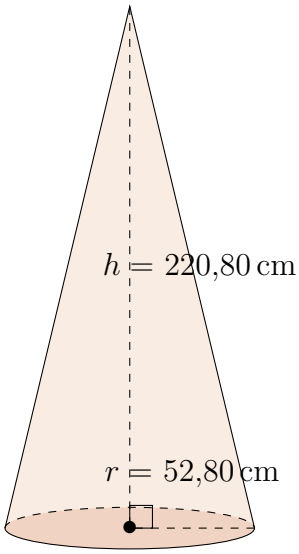
Calculez l'aire et le volume de chaque cône.

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

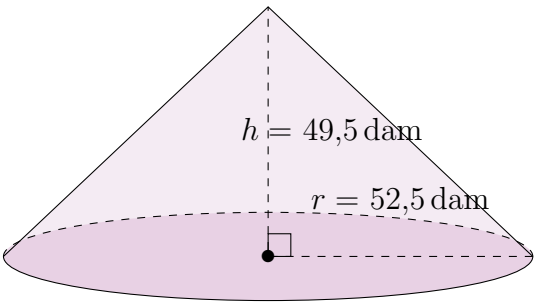
1.



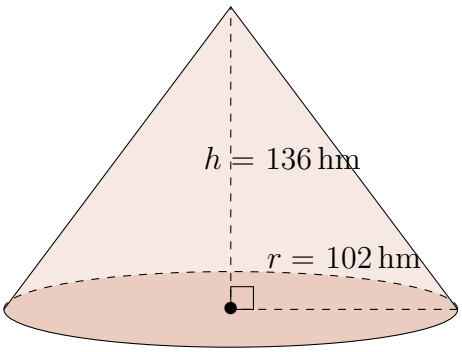
2.



3.



4.

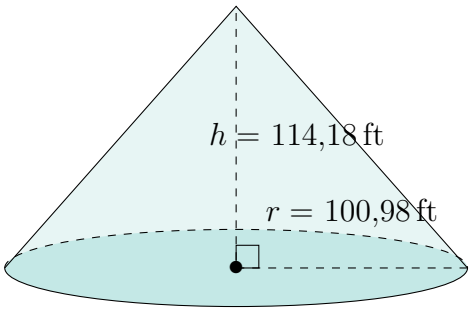


Aire et Volume d'un Cône (H) Réponses

Calculez l'aire et le volume de chaque cône.

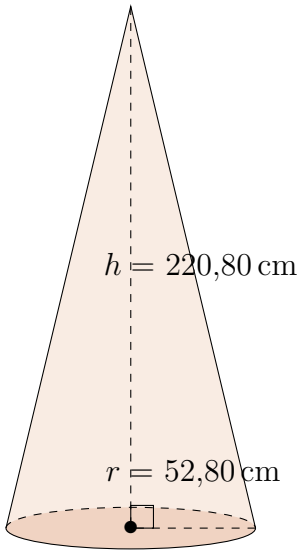
$$\text{Aire} = \pi r(r + \sqrt{h^2 + r^2}) \quad \text{Volume} = \pi r^2 \frac{h}{3}$$

1.



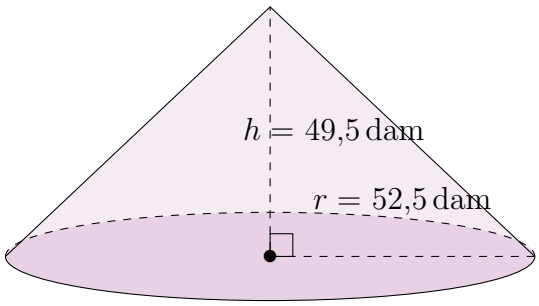
Aire: $80.390{,}38\,\text{ft}^2$
Volume: $1.219.240{,}53\,\text{ft}^3$

2.



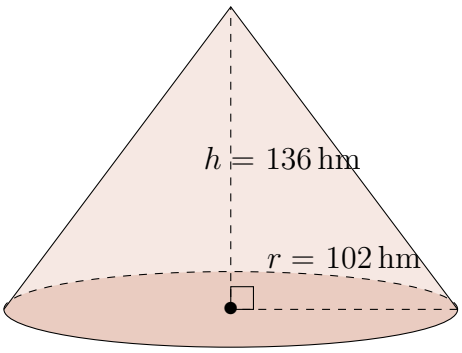
Surface Area: $46.416{,}32\,\text{cm}^2$
Volume: $644.607{,}76\,\text{cm}^3$

3.



Surface Area: $20.560{,}0\,\text{dam}^2$
Volume: $142.873{,}7\,\text{dam}^3$

4.



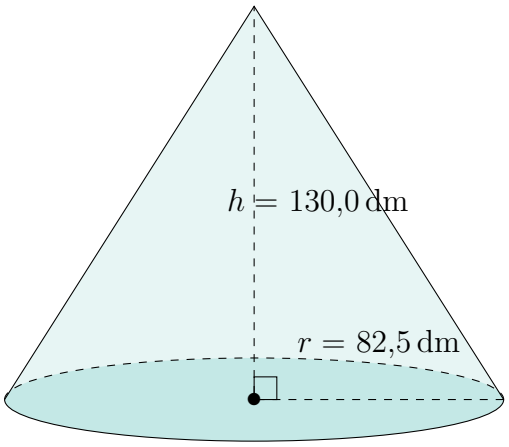
Surface Area: $87.160\,\text{hm}^2$
Volume: $1.481.726\,\text{hm}^3$

Aire et Volume d'un Cône (I)

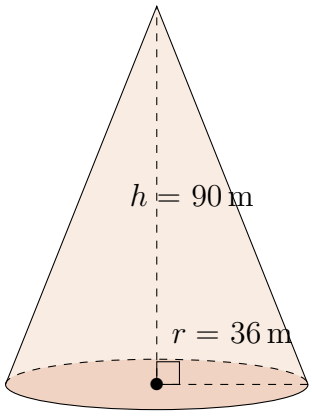
Calculez l'aire et le volume de chaque cône.

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

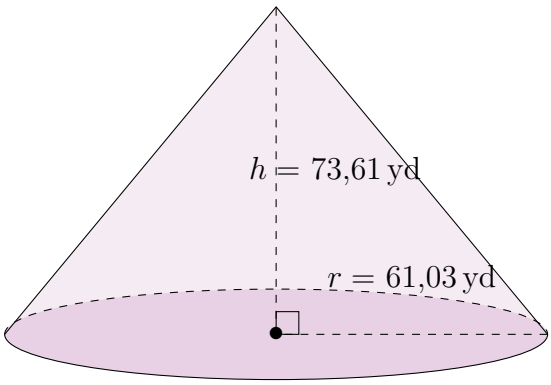
1.



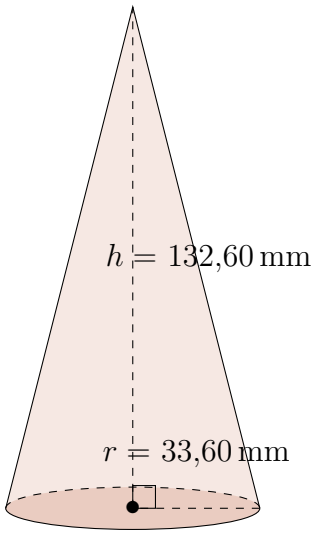
2.



3.



4.

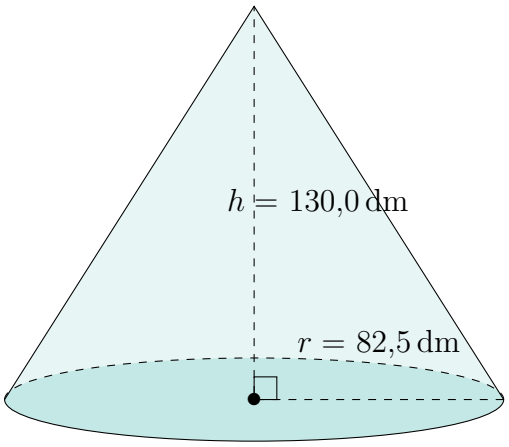


Aire et Volume d'un Cône (I) Réponses

Calculez l'aire et le volume de chaque cône.

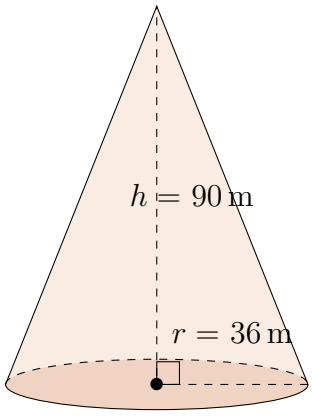
$$\text{Aire} = \pi r(r + \sqrt{h^2 + r^2}) \quad \text{Volume} = \pi r^2 \frac{h}{3}$$

1.



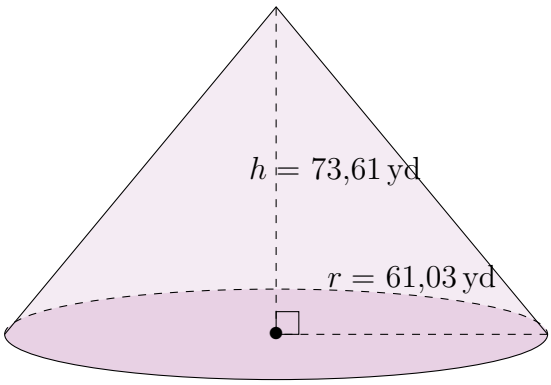
Aire: $61.288{,}2\,\text{dm}^2$
Volume: $926.573{,}5\,\text{dm}^3$

2.



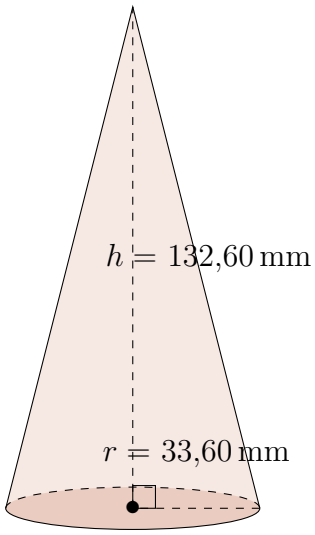
Aire: $15.034\,\text{m}^2$
Volume: $122.145\,\text{m}^3$

3.



Aire: $30.034{,}63\,\text{yd}^2$
Volume: $287.112{,}55\,\text{yd}^3$

4.



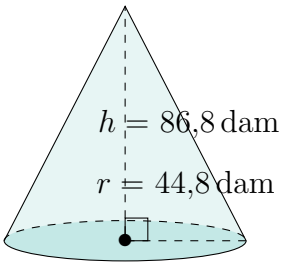
Aire: $17.986{,}03\,\text{mm}^2$
Volume: $156.765{,}57\,\text{mm}^3$

Aire et Volume d'un Cône (J)

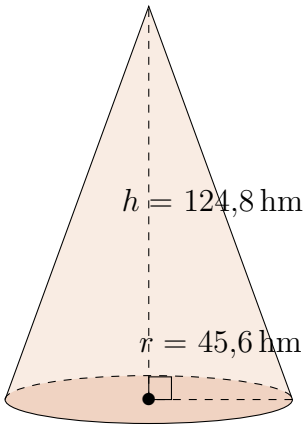
Calculez l'aire et le volume de chaque cône.

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

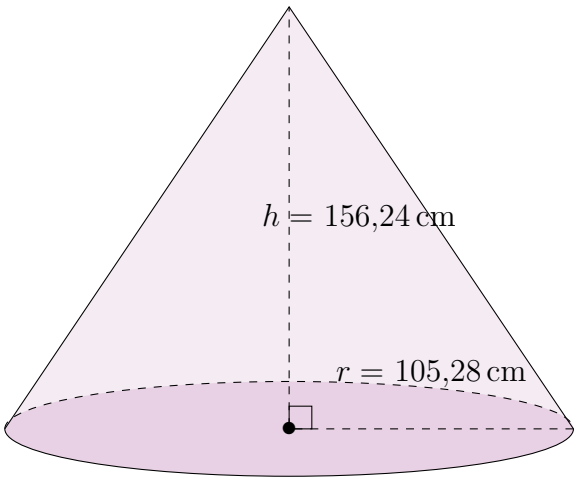
1.



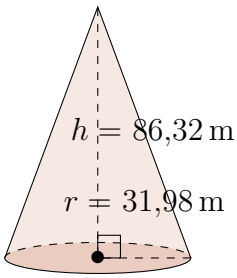
2.



3.



4.

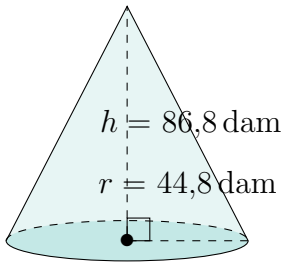


Aire et Volume d'un Cône (J) Réponses

Calculez l'aire et le volume de chaque cône.

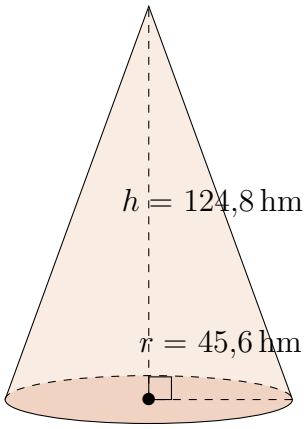
$$\text{Aire} = \pi r(r + \sqrt{h^2 + r^2}) \quad \text{Volume} = \pi r^2 \frac{h}{3}$$

1.



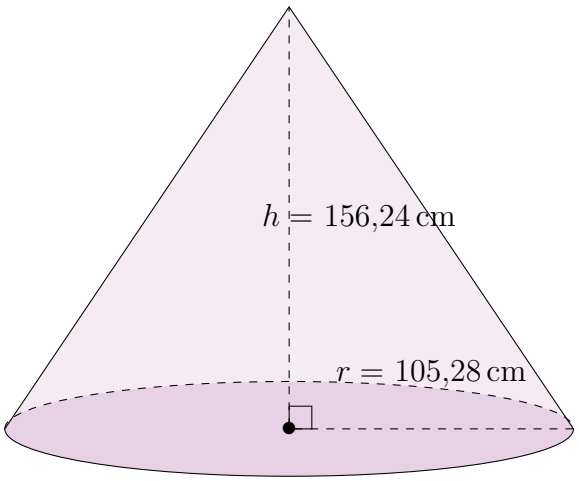
Aire: $20.053{,}0\,\text{dam}^2$
Volume: $182.433{,}4\,\text{dam}^3$

2.



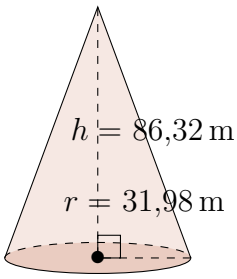
Aire: $25.567{,}0\,\text{hm}^2$
Volume: $271.752{,}1\,\text{hm}^3$

3.



Aire: $97.133{,}97\,\text{cm}^2$
Volume: $1.813.479{,}29\,\text{cm}^3$

4.



Aire: $12.461{,}42\,\text{m}^2$
Volume: $92.447{,}88\,\text{m}^3$