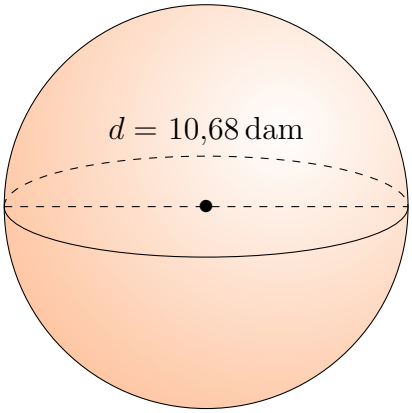
# Aire et Volume des Sphères (A)

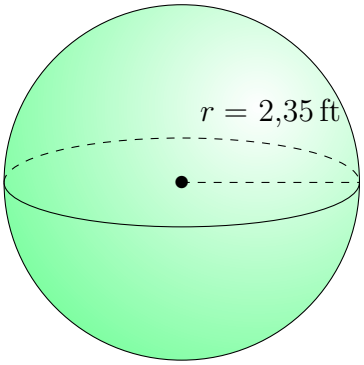
Calculez l'aire et le volume de chaque sphère.

$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

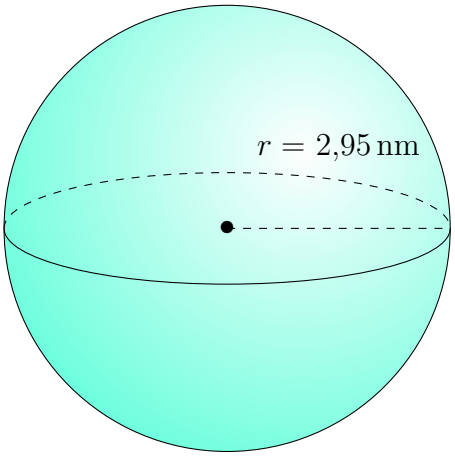
1.



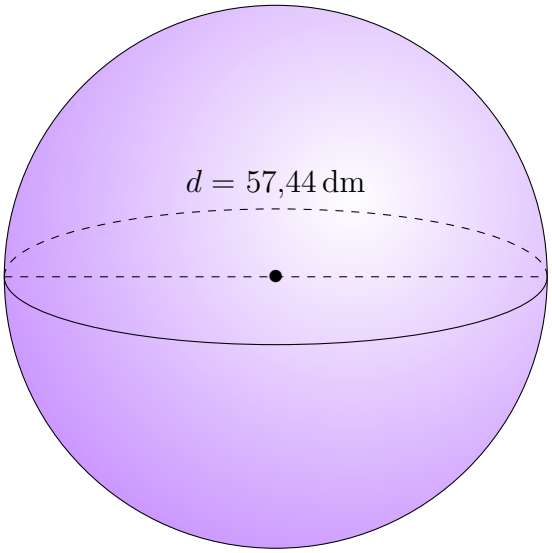

2.




3.




4.

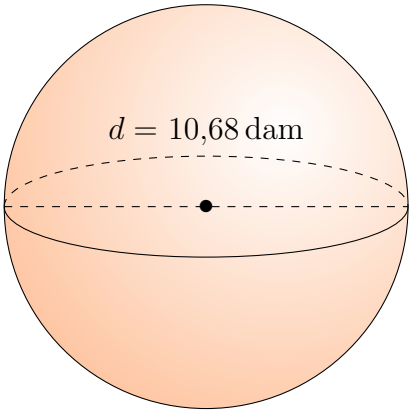


# Aire et Volume des Sphères (A) Réponses

Calculez l'aire et le volume de chaque sphère.

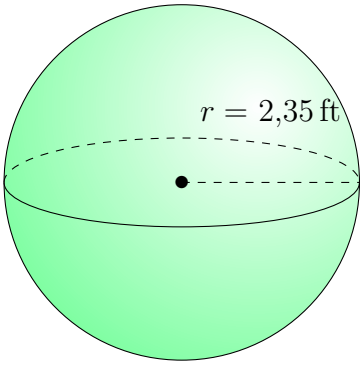
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



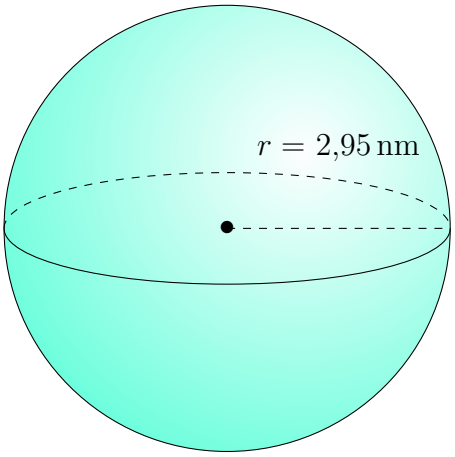

Aire: $358{,}34\,\text{dam}^2$
Volume: $637{,}84\,\text{dam}^3$

2.



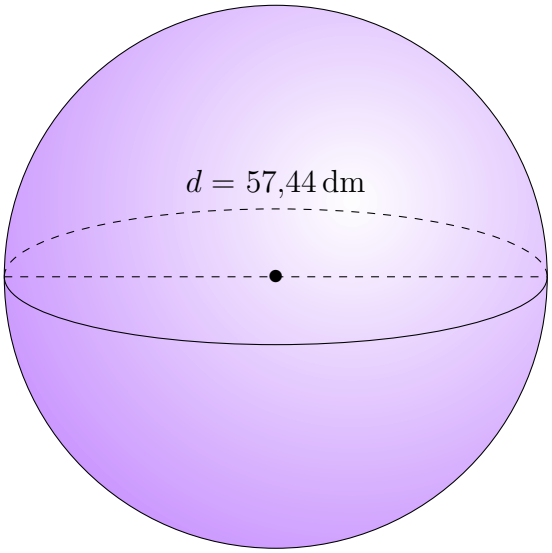

Aire: $69{,}40\,\text{ft}^2$
Volume: $54{,}36\,\text{ft}^3$

3.




Aire: $109{,}36\,\text{nm}^2$
Volume: $107{,}54\,\text{nm}^3$

4.



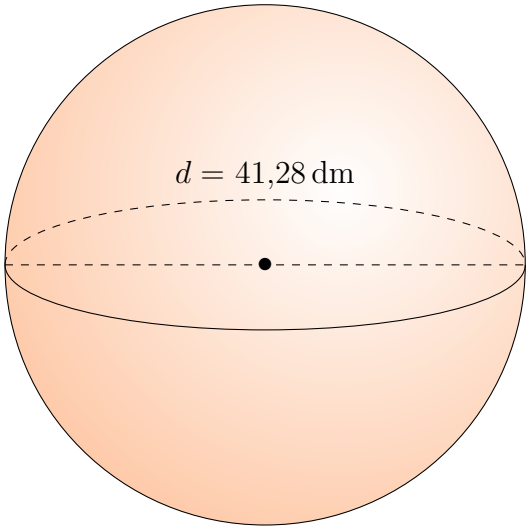

Aire: $10.365{,}23\,\text{dm}^2$
Volume: $99.229{,}75\,\text{dm}^3$

# Aire et Volume des Sphères (B)

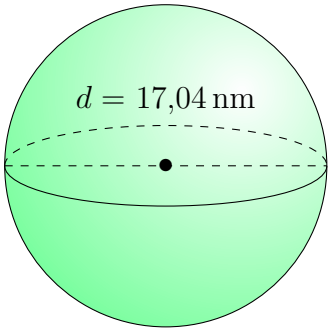
Calculez l'aire et le volume de chaque sphère.

$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

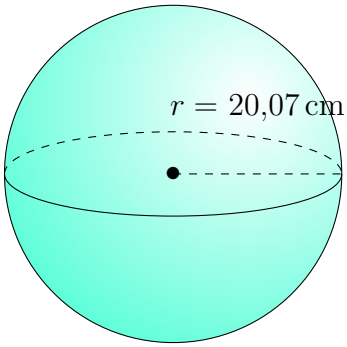
1.



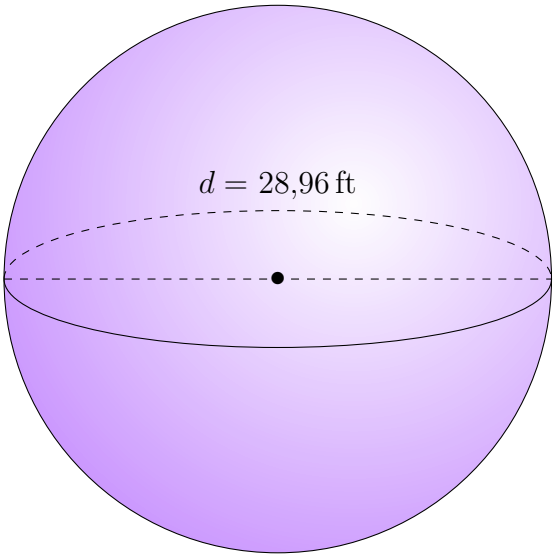

2.




3.




4.

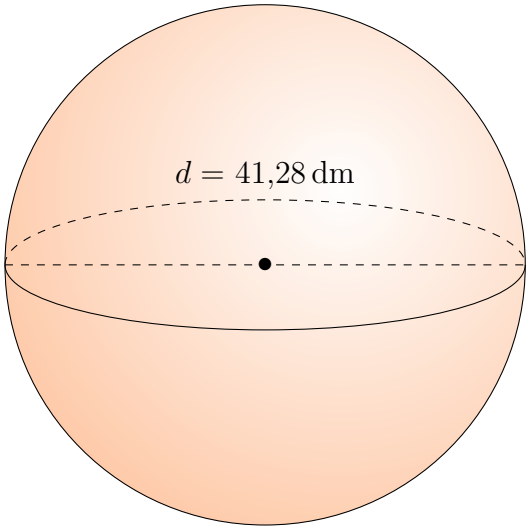


# Aire et Volume des Sphères (B) Réponses

Calculez l'aire et le volume de chaque sphère.

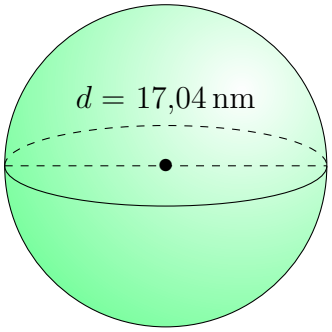
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



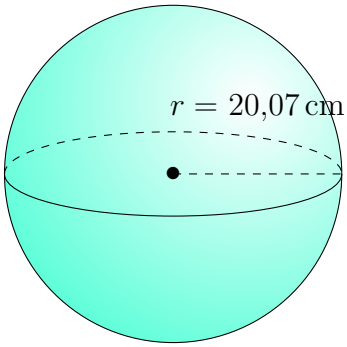

Aire: $5353{,}39\,\text{dm}^2$
Volume: $36.831{,}35\,\text{dm}^3$

2.



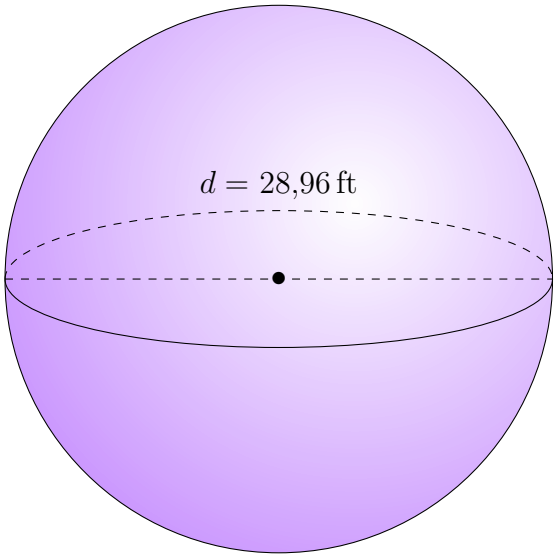

Aire: $912{,}20\,\text{nm}^2$
Volume: $2590{,}64\,\text{nm}^3$

3.




Aire: $5061{,}80\,\text{cm}^2$
Volume: $33.863{,}41\,\text{cm}^3$

4.



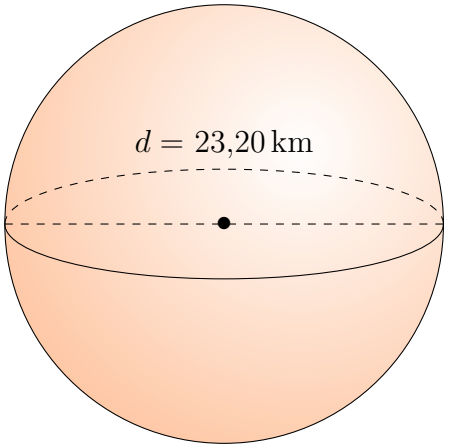

Aire: $2634{,}80\,\text{ft}^2$
Volume: $12.717{,}28\,\text{ft}^3$

# Aire et Volume des Sphères (C)

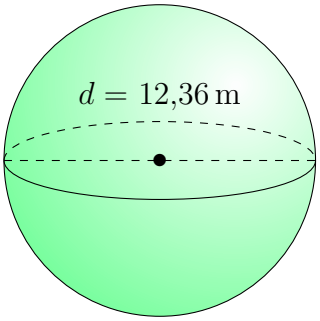
Calculez l'aire et le volume de chaque sphère.

$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

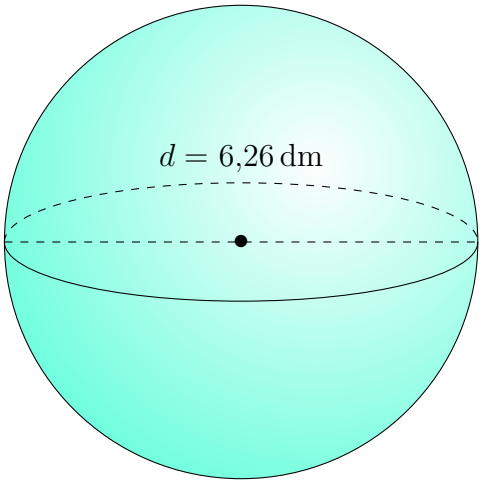
1.



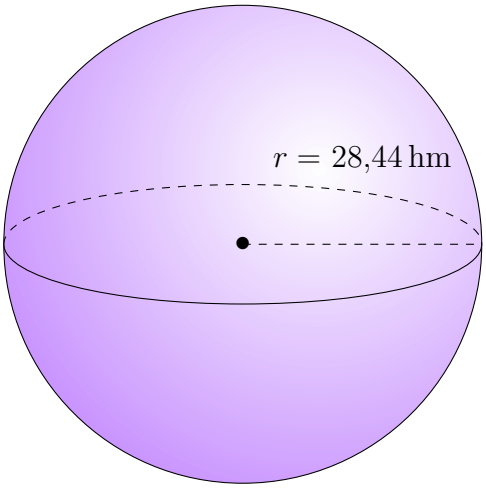

2.




3.




4.

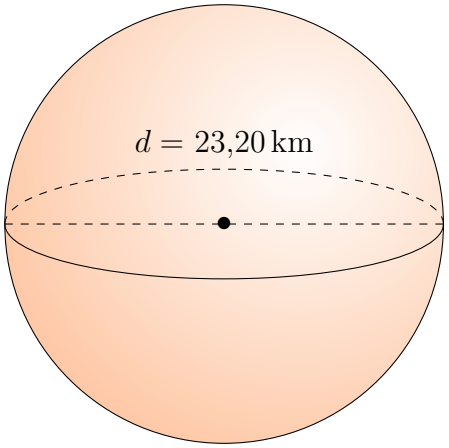


# Aire et Volume des Sphères (C) Réponses

Calculez l'aire et le volume de chaque sphère.

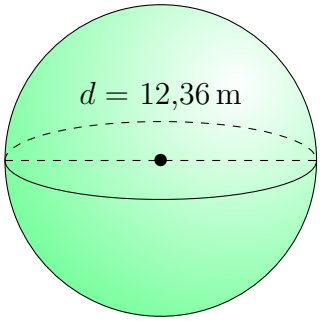
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



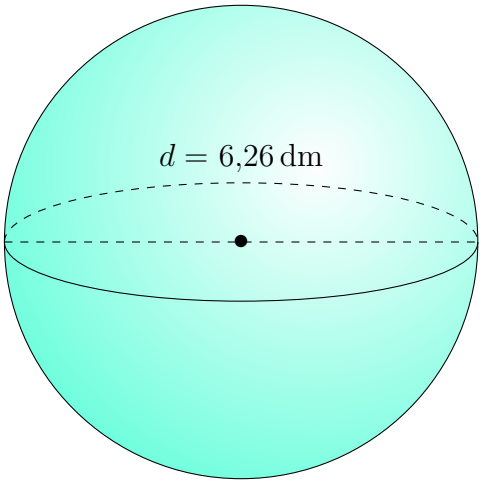

Aire: $1690{,}93\,\text{km}^2$
Volume: $6538{,}27\,\text{km}^3$

2.



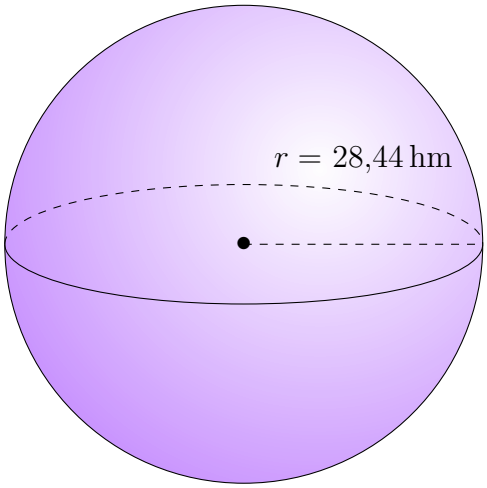

Aire: $479{,}94\,\text{m}^2$
Volume: $988{,}68\,\text{m}^3$

3.




Aire: $123{,}11\,\text{dm}^2$
Volume: $128{,}45\,\text{dm}^3$

4.



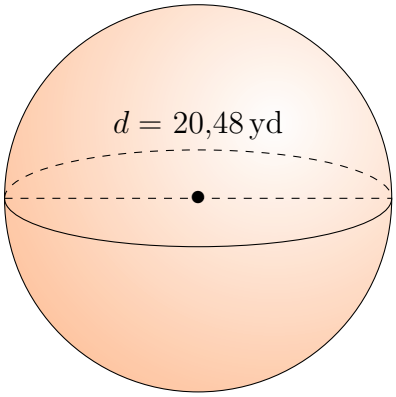

Aire: $10.164{,}10\,\text{hm}^2$
Volume: $96.355{,}69\,\text{hm}^3$

# Aire et Volume des Sphères (D)

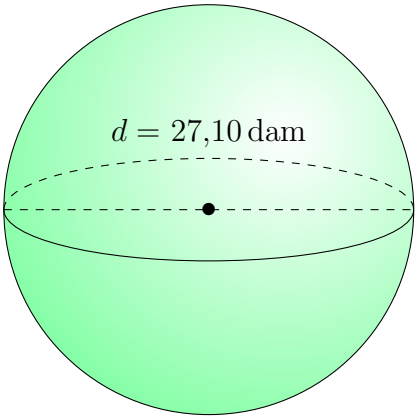
Calculez l'aire et le volume de chaque sphère.

$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

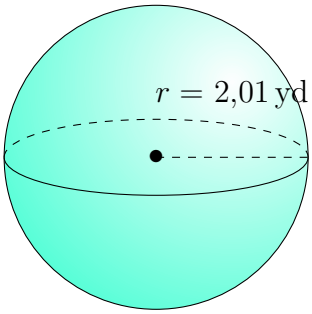
1.



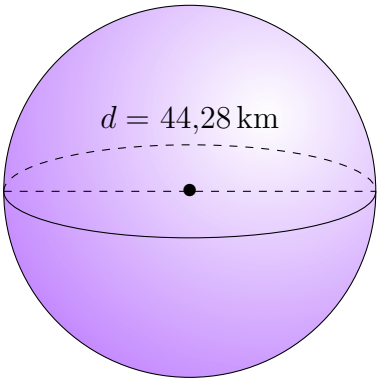

2.




3.




4.

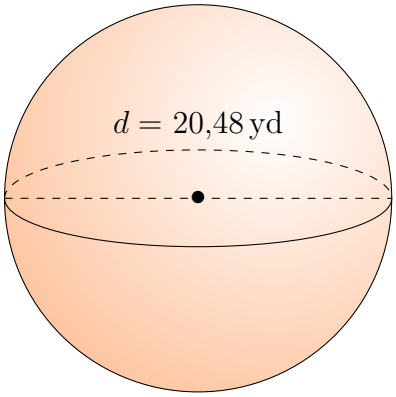


# Aire et Volume des Sphères (D) Réponses

Calculez l'aire et le volume de chaque sphère.

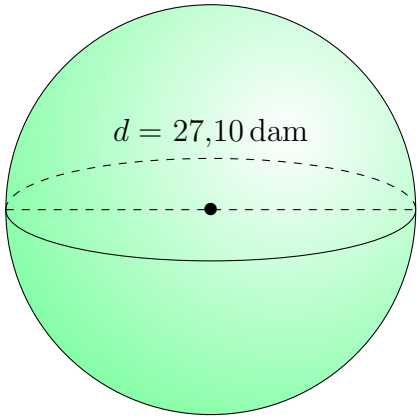
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



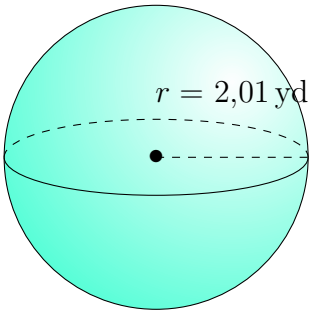

Aire: $1317{,}68\,\text{yd}^2$
Volume: $4497{,}68\,\text{yd}^3$

2.



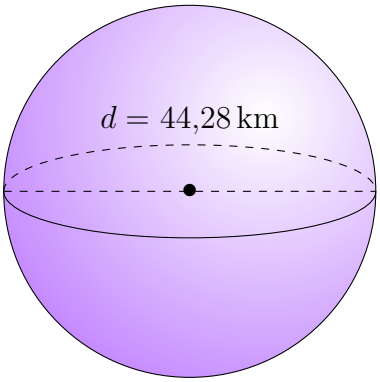

Aire: $2307{,}22\,\text{dam}^2$
Volume: $10.420{,}93\,\text{dam}^3$

3.




Aire: $50{,}77\,\text{yd}^2$
Volume: $34{,}02\,\text{yd}^3$

4.



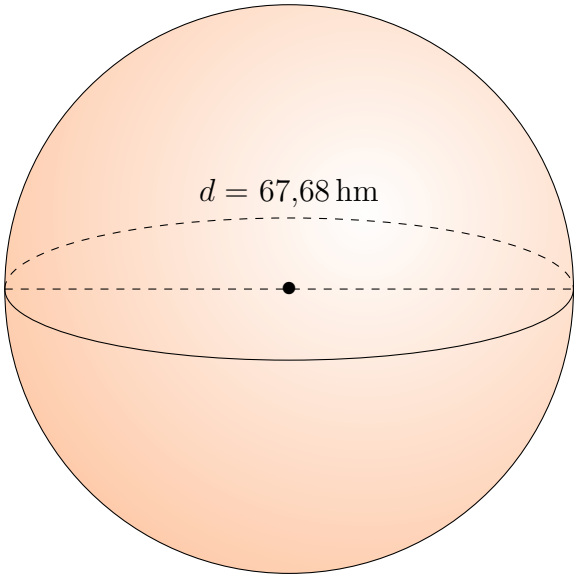

Aire: $6159{,}78\,\text{km}^2$
Volume: $45.459{,}17\,\text{km}^3$

# Aire et Volume des Sphères (E)

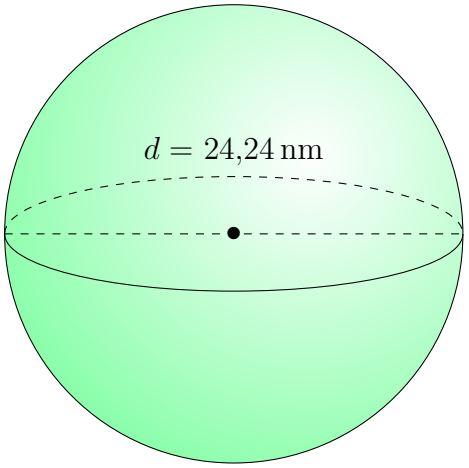
Calculez l'aire et le volume de chaque sphère.

$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

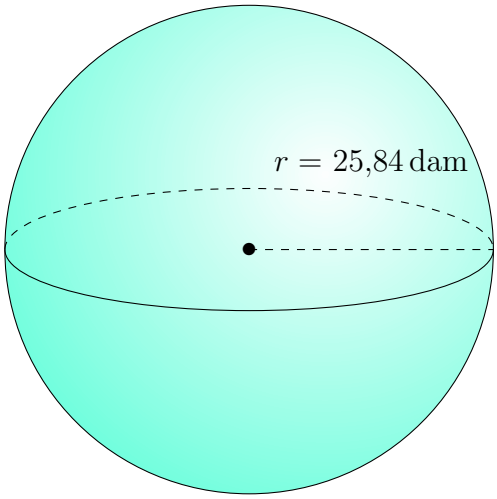
1.



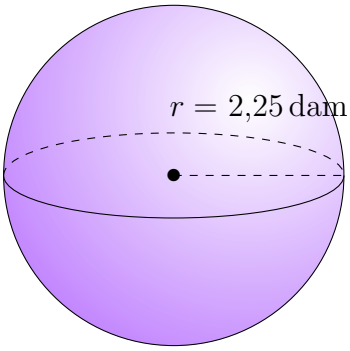

2.




3.




4.

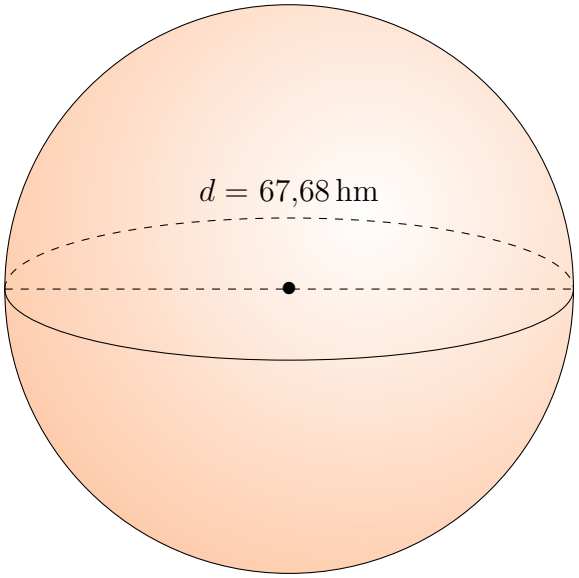


# Aire et Volume des Sphères (E) Réponses

Calculez l'aire et le volume de chaque sphère.

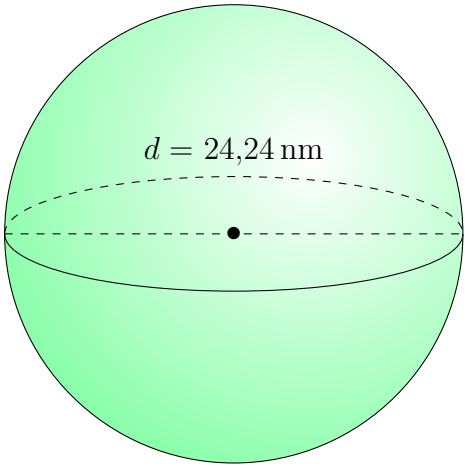
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



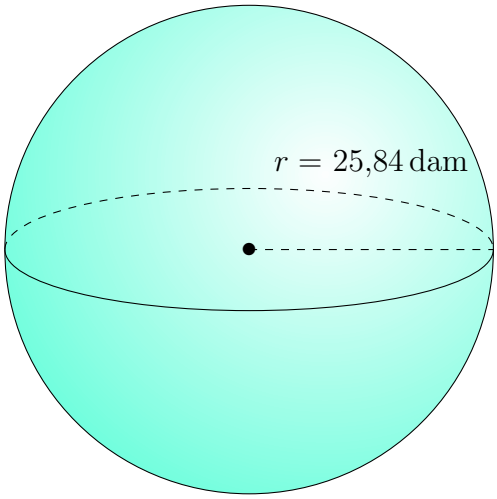

Aire: $14.390{,}32\,\text{hm}^2$
Volume: $162.322{,}85\,\text{hm}^3$

2.



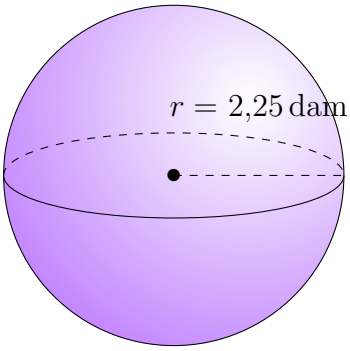

Aire: $1845{,}93\,\text{nm}^2$
Volume: $7457{,}56\,\text{nm}^3$

3.




Aire: $8390{,}64\,\text{dam}^2$
Volume: $72.271{,}35\,\text{dam}^3$

4.



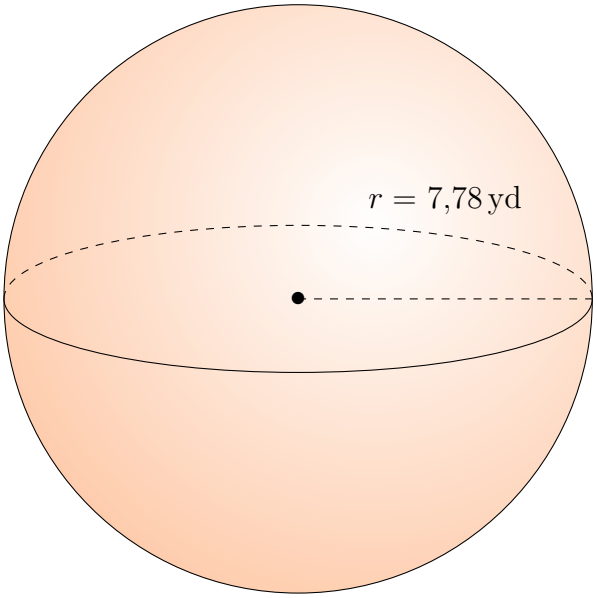

Aire: $63{,}62\,\text{dam}^2$
Volume: $47{,}71\,\text{dam}^3$

# Aire et Volume des Sphères (F)

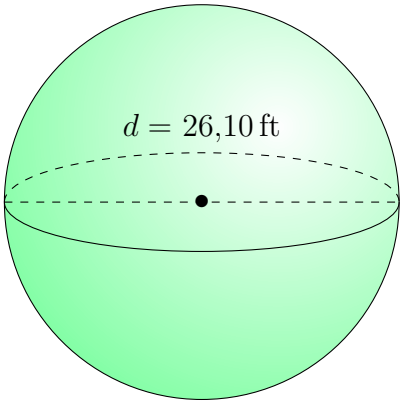
Calculez l'aire et le volume de chaque sphère.

$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

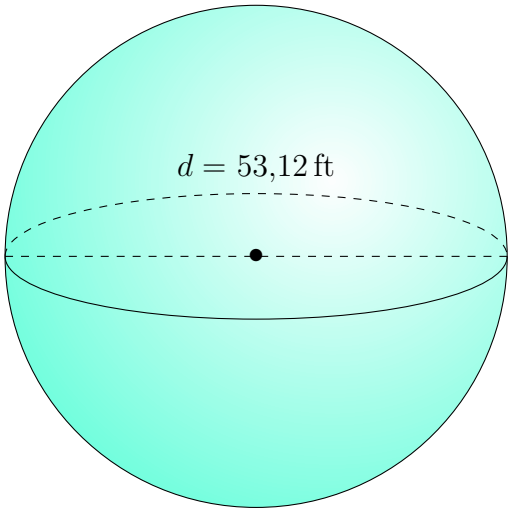
1.



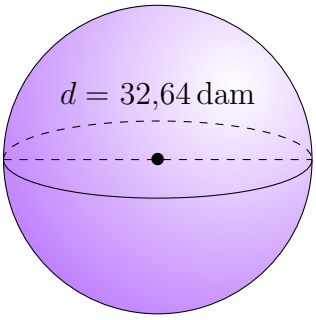

2.




3.




4.

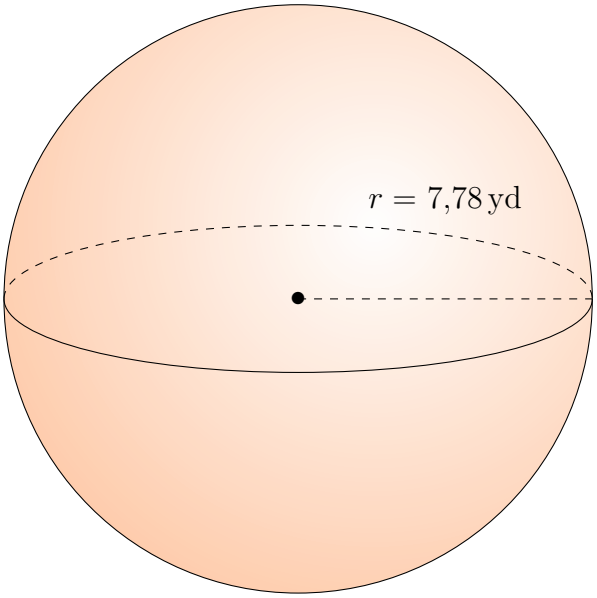


# Aire et Volume des Sphères (F) Réponses

Calculez l'aire et le volume de chaque sphère.

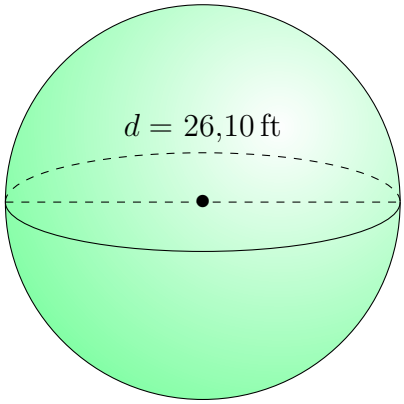
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



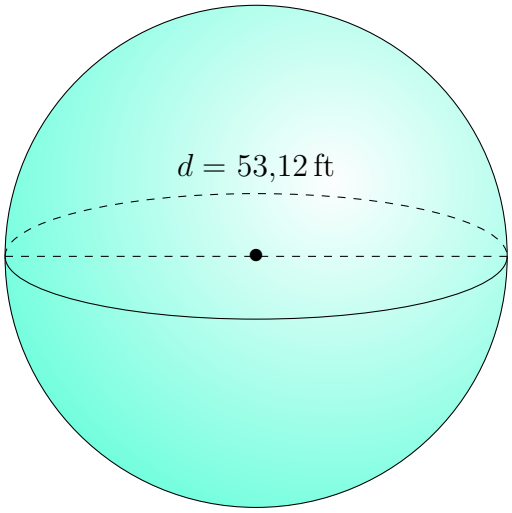

Aire: $760{,}62\,\text{yd}^2$
Volume: $1972{,}55\,\text{yd}^3$

2.



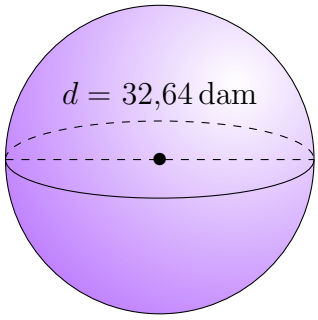

Aire: $2140{,}08\,\text{ft}^2$
Volume: $9309{,}37\,\text{ft}^3$

3.




Aire: $8864{,}74\,\text{ft}^2$
Volume: $78.482{,}50\,\text{ft}^3$

4.



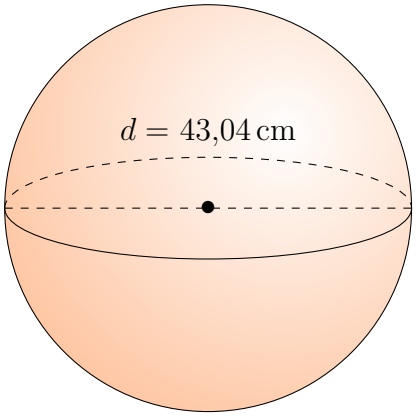

Aire: $3346{,}96\,\text{dam}^2$
Volume: $18.207{,}45\,\text{dam}^3$

# Aire et Volume des Sphères (G)

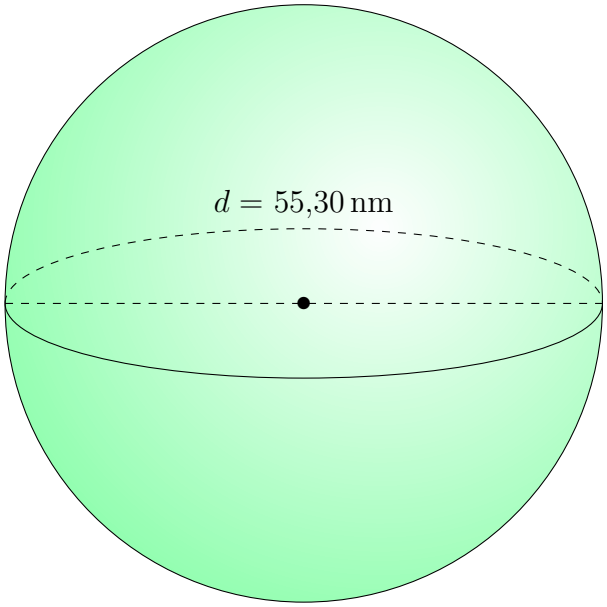
Calculez l'aire et le volume de chaque sphère.

$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

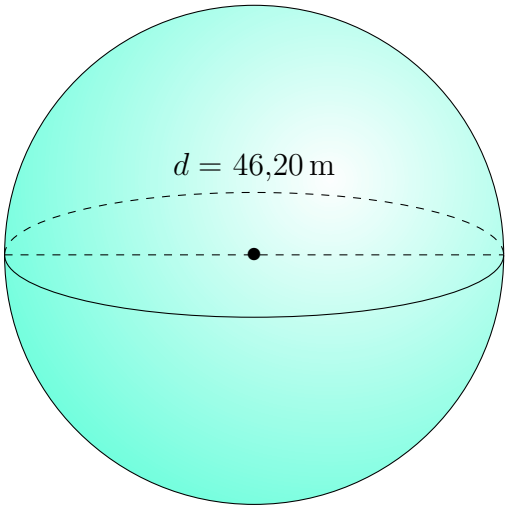
1.



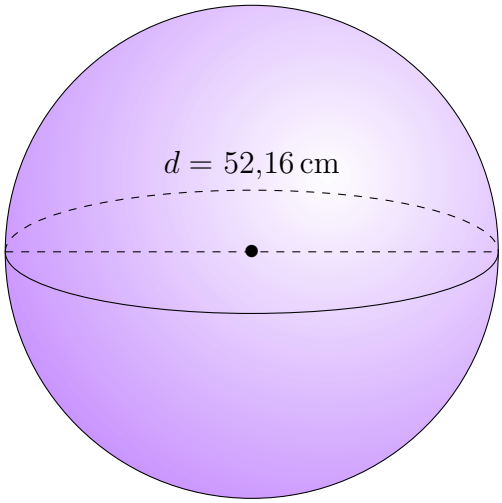

2.




3.




4.

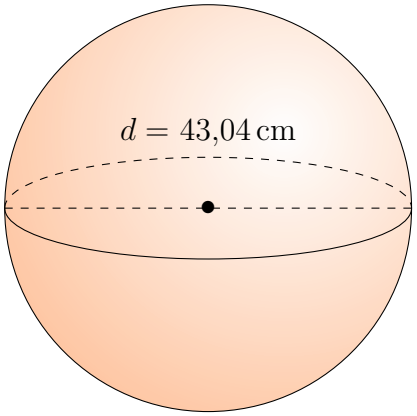


# Aire et Volume des Sphères (G) Réponses

Calculez l'aire et le volume de chaque sphère.

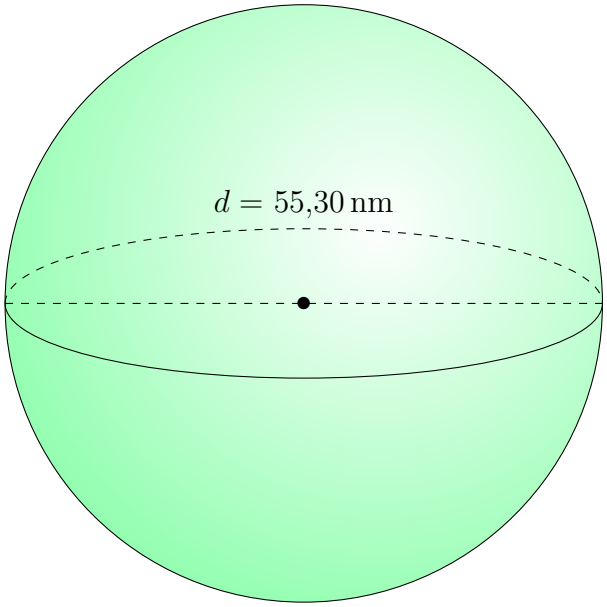
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



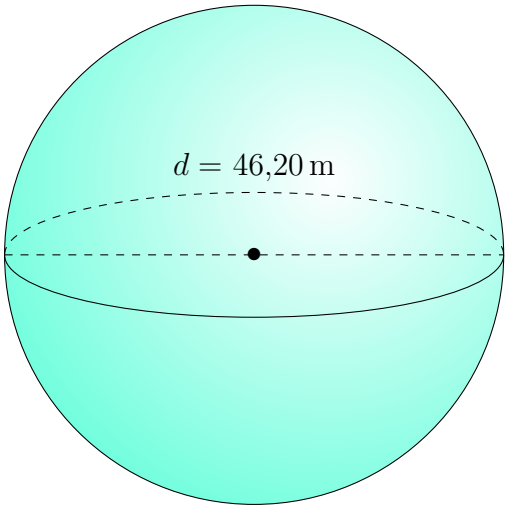

Aire: $5819{,}62\,\text{cm}^2$
Volume: $41.746{,}05\,\text{cm}^3$

2.



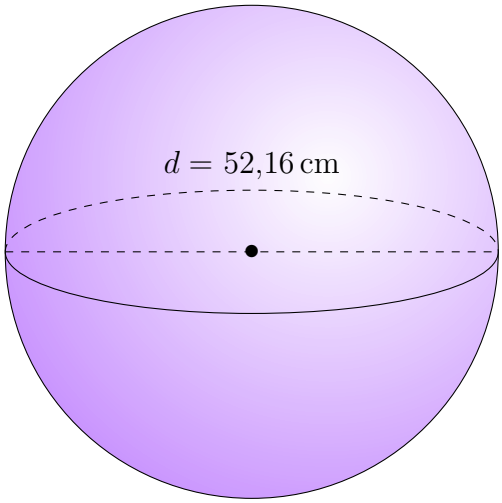

Aire: $9607{,}27\,\text{nm}^2$
Volume: $88.547{,}03\,\text{nm}^3$

3.




Aire: $6705{,}54\,\text{m}^2$
Volume: $51.632{,}67\,\text{m}^3$

4.



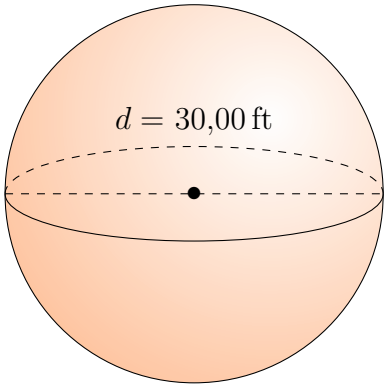

Aire: $8547{,}22\,\text{cm}^2$
Volume: $74.303{,}86\,\text{cm}^3$

# Aire et Volume des Sphères (H)

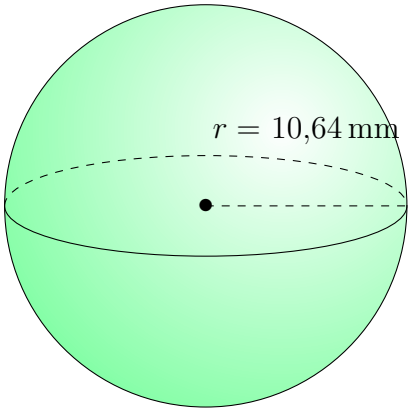
Calculez l'aire et le volume de chaque sphère.

$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

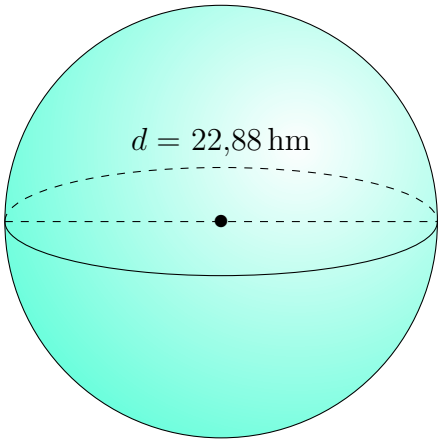
1.



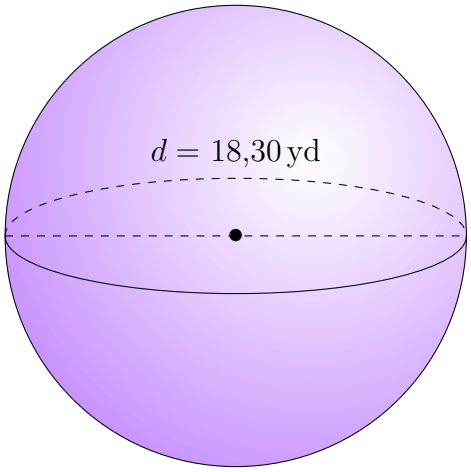

2.




3.




4.

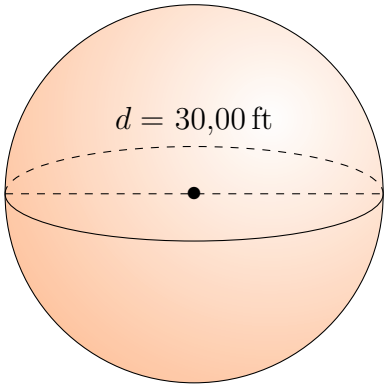


# Aire et Volume des Sphères (H) Réponses

Calculez l'aire et le volume de chaque sphère.

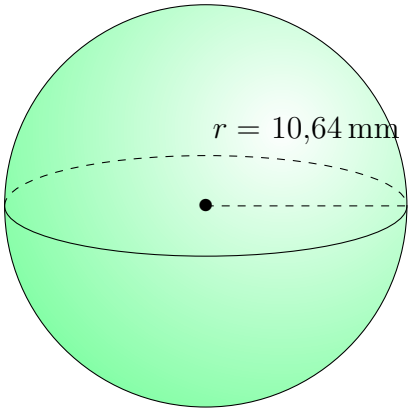
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



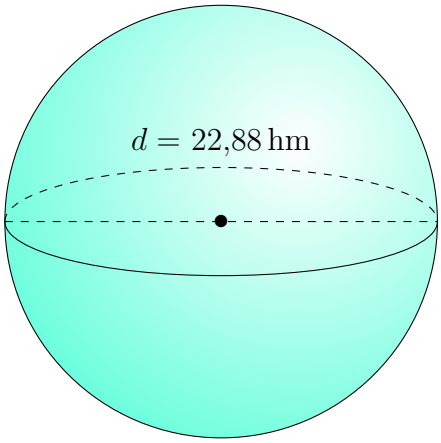

Aire: $2827{,}43\,\text{ft}^2$
Volume: $14.137{,}17\,\text{ft}^3$

2.



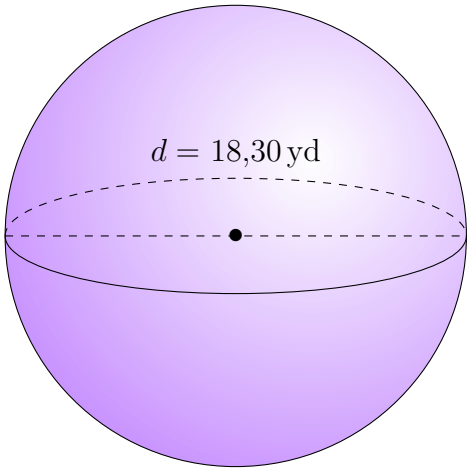

Aire: $1422{,}63\,\text{mm}^2$
Volume: $5045{,}61\,\text{mm}^3$

3.




Aire: $1644{,}61\,\text{hm}^2$
Volume: $6271{,}43\,\text{hm}^3$

4.



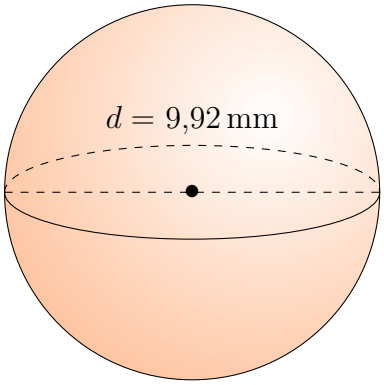

Aire: $1052{,}09\,\text{yd}^2$
Volume: $3208{,}87\,\text{yd}^3$

# Aire et Volume des Sphères (I)

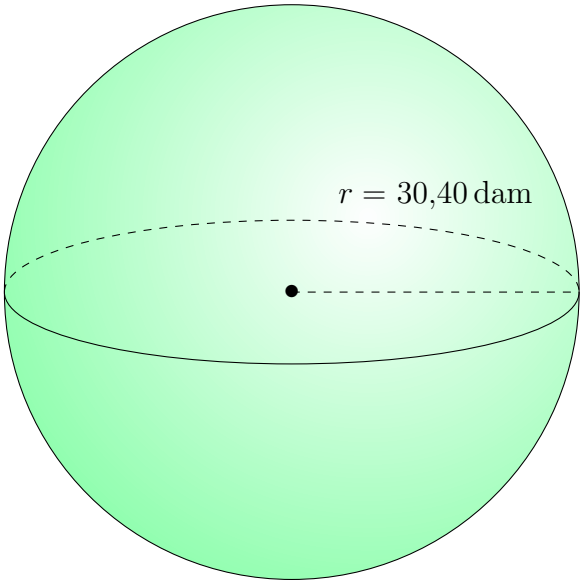
Calculez l'aire et le volume de chaque sphère.

$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

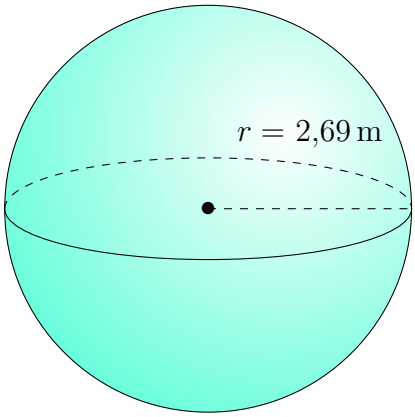
1.



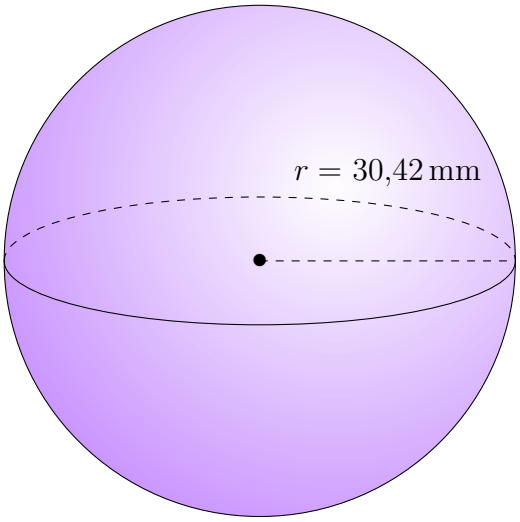

2.




3.




4.

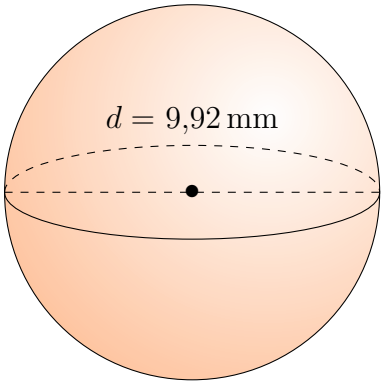


# Aire et Volume des Sphères (I) Réponses

Calculez l'aire et le volume de chaque sphère.

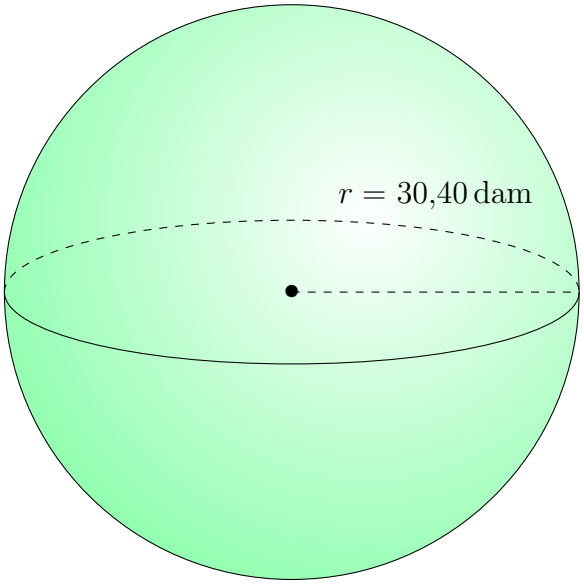
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



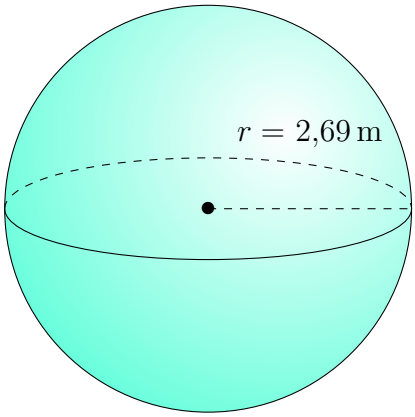

Aire: $309{,}15\,\text{mm}^2$
Volume: $511{,}13\,\text{mm}^3$

2.



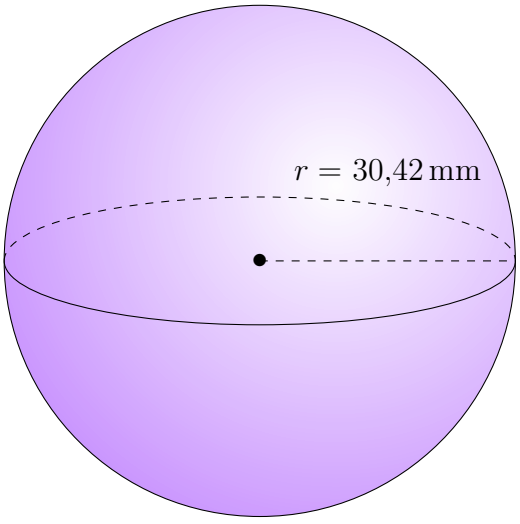

Aire: $11.613{,}34\,\text{dam}^2$
Volume: $117.681{,}82\,\text{dam}^3$

3.




Aire: $90{,}93\,\text{m}^2$
Volume: $81{,}54\,\text{m}^3$

4.



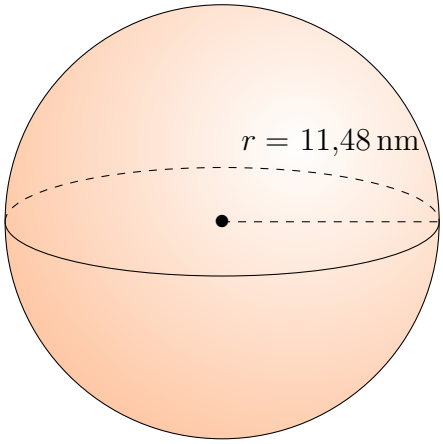

Aire: $11.628{,}62\,\text{mm}^2$
Volume: $117.914{,}24\,\text{mm}^3$

# Aire et Volume des Sphères (J)

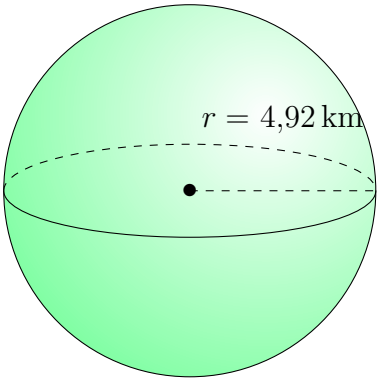
Calculez l'aire et le volume de chaque sphère.

$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

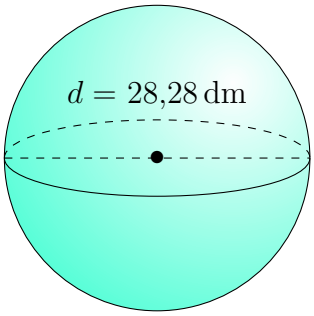
1.



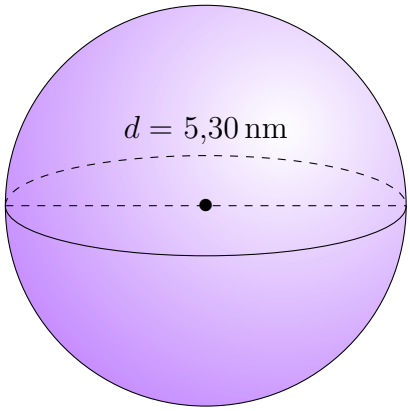

2.




3.




4.

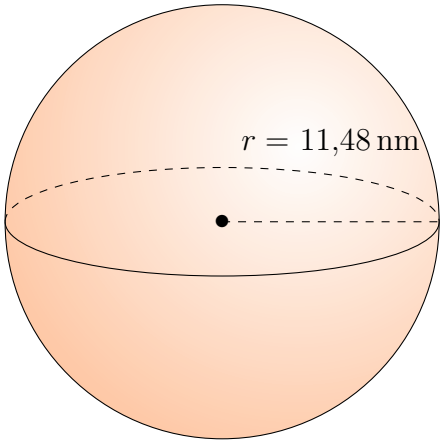


# Aire et Volume des Sphères (J) Réponses

Calculez l'aire et le volume de chaque sphère.

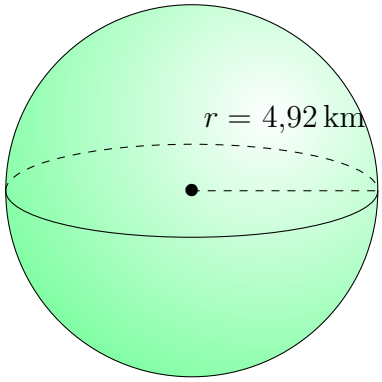
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



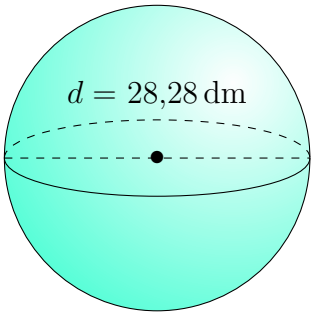

Aire: $1656{,}13\,\text{nm}^2$
Volume: $6337{,}45\,\text{nm}^3$

2.



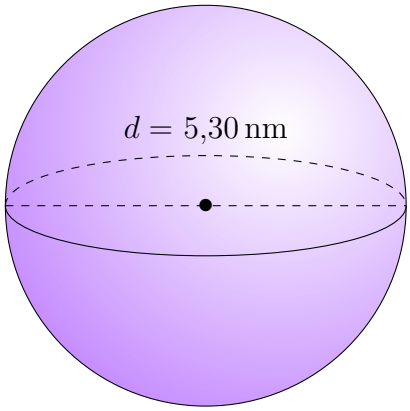

Aire: $304{,}19\,\text{km}^2$
Volume: $498{,}87\,\text{km}^3$

3.




Aire: $2512{,}52\,\text{dm}^2$
Volume: $11.842{,}32\,\text{dm}^3$

4.




Aire: $88{,}25\,\text{nm}^2$
Volume: $77{,}95\,\text{nm}^3$