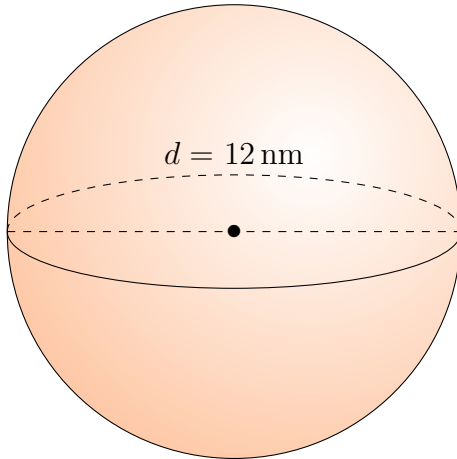


# Aire et Volume des Sphères (A)

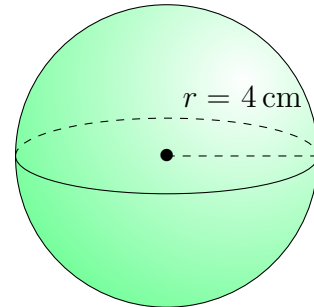
Calculez l'aire et le volume de chaque sphère.

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

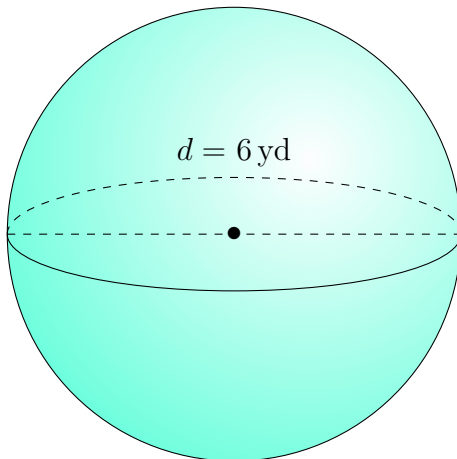
1.



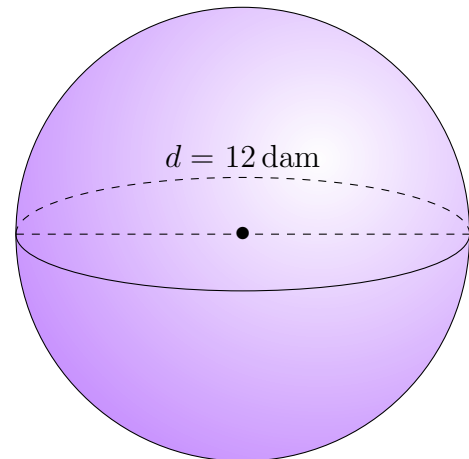
2.



3.



4.

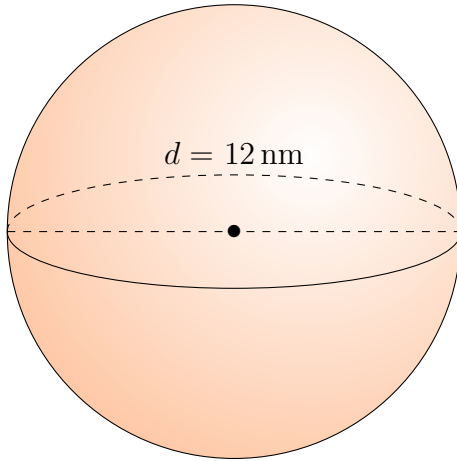


# Aire et Volume des Sphères (A) Réponses

Calculez l'aire et le volume de chaque sphère.

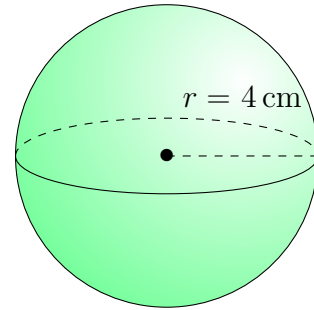
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



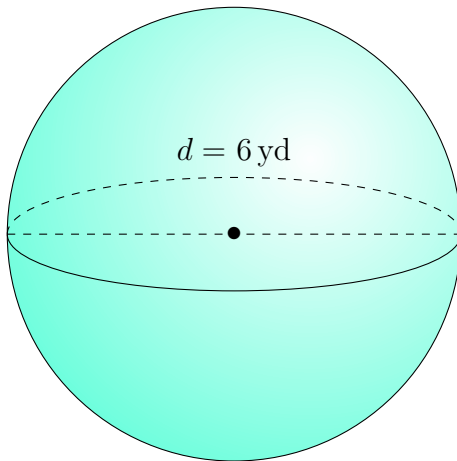
$$\begin{aligned} \text{Aire: } & 452 \text{ nm}^2 \\ \text{Volume: } & 905 \text{ nm}^3 \end{aligned}$$

2.



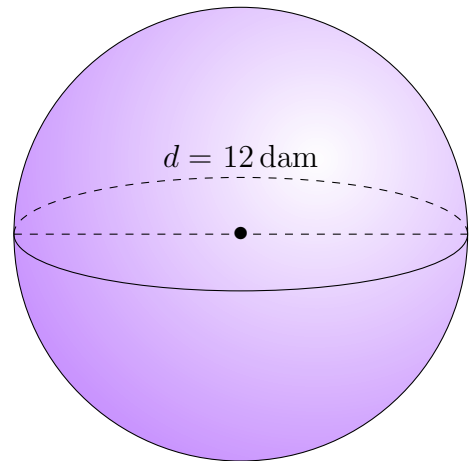
$$\begin{aligned} \text{Aire: } & 201 \text{ cm}^2 \\ \text{Volume: } & 268 \text{ cm}^3 \end{aligned}$$

3.



$$\begin{aligned} \text{Aire: } & 113 \text{ yd}^2 \\ \text{Volume: } & 113 \text{ yd}^3 \end{aligned}$$

4.



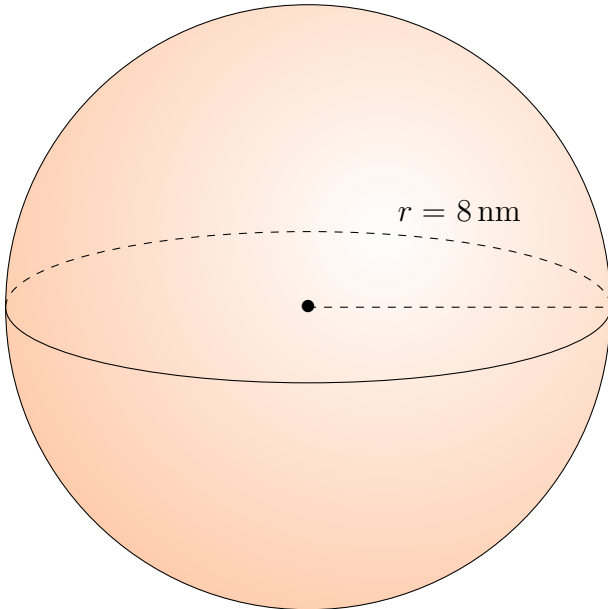
$$\begin{aligned} \text{Aire: } & 452 \text{ dam}^2 \\ \text{Volume: } & 905 \text{ dam}^3 \end{aligned}$$

## Aire et Volume des Sphères (B)

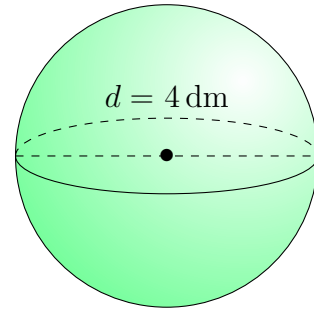
Calculez l'aire et le volume de chaque sphère.

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

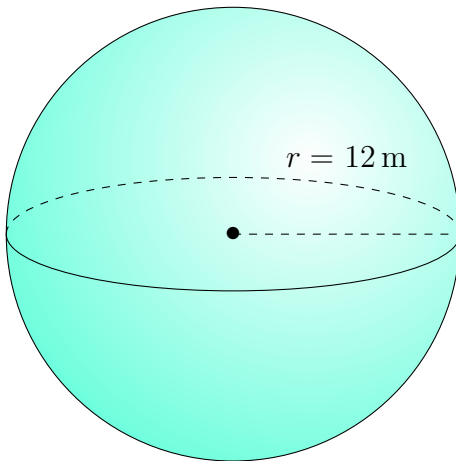
1.



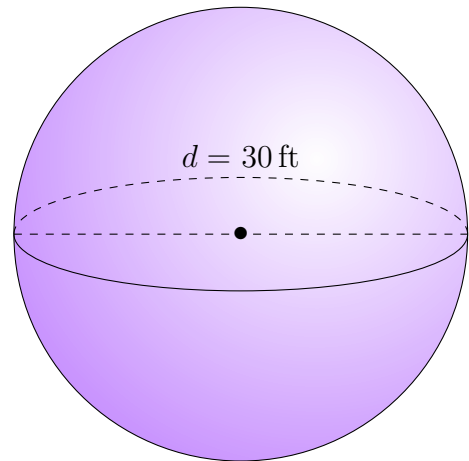
2.



3.



4.

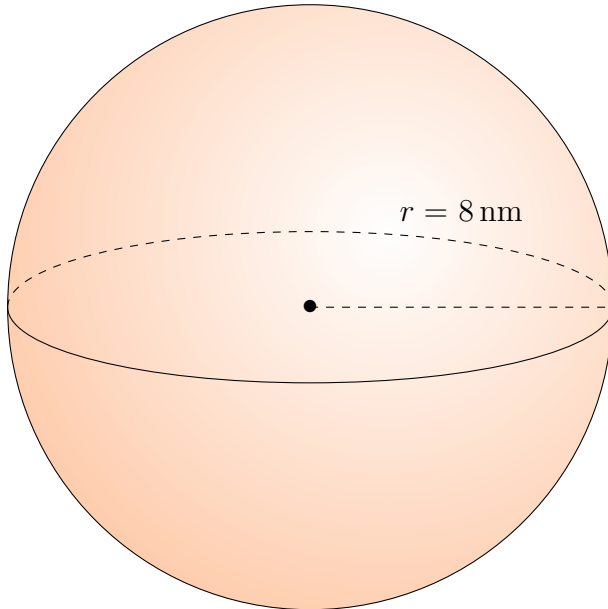


# Aire et Volume des Sphères (B) Réponses

Calculez l'aire et le volume de chaque sphère.

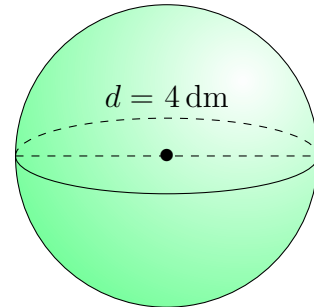
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



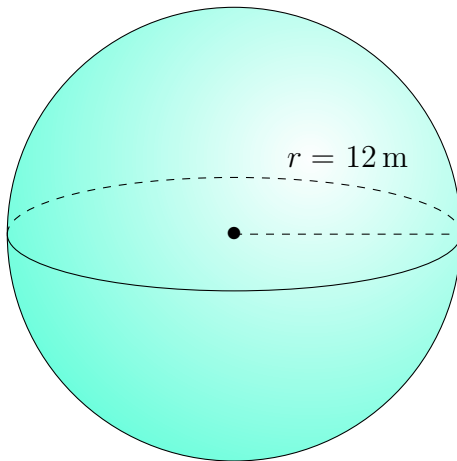
Aire:  $804 \text{ nm}^2$   
Volume:  $2145 \text{ nm}^3$

2.



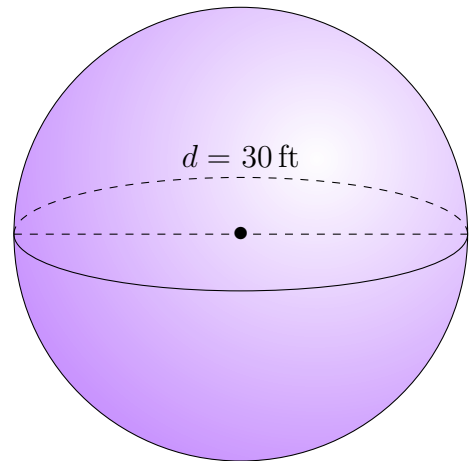
Aire:  $50 \text{ dm}^2$   
Volume:  $34 \text{ dm}^3$

3.



Aire:  $1810 \text{ m}^2$   
Volume:  $7238 \text{ m}^3$

4.



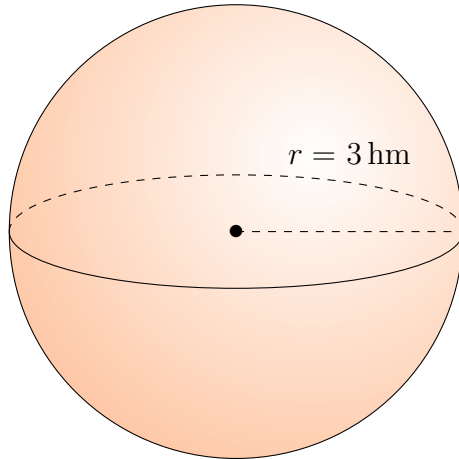
Aire:  $2827 \text{ ft}^2$   
Volume:  $14.137 \text{ ft}^3$

# Aire et Volume des Sphères (C)

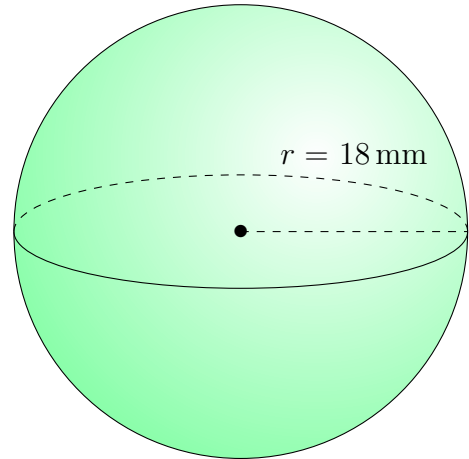
Calculez l'aire et le volume de chaque sphère.

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

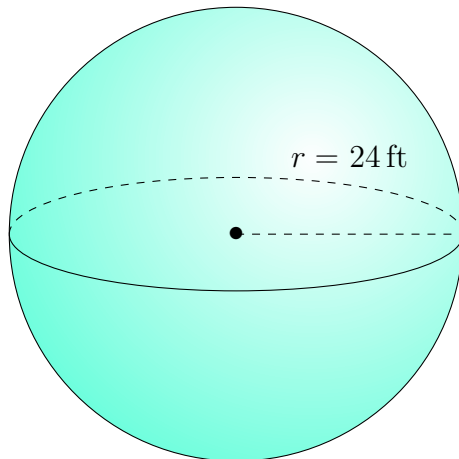
1.



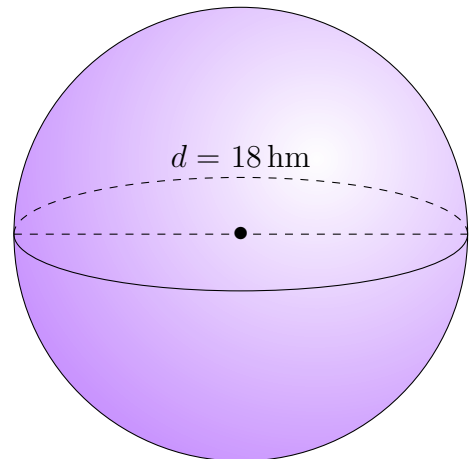
2.



3.



4.

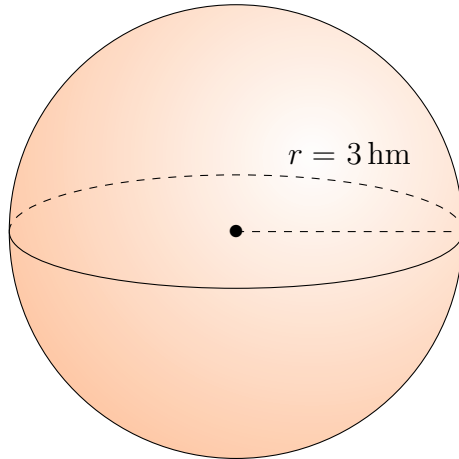


# Aire et Volume des Sphères (C) Réponses

Calculez l'aire et le volume de chaque sphère.

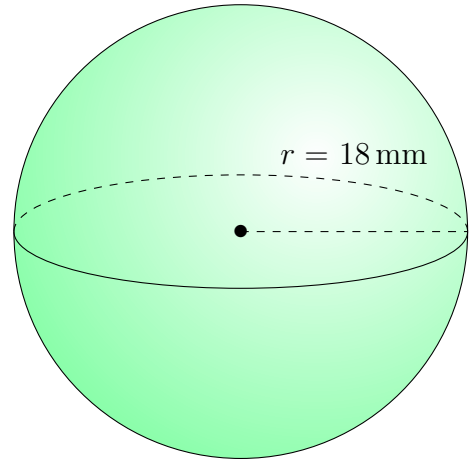
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



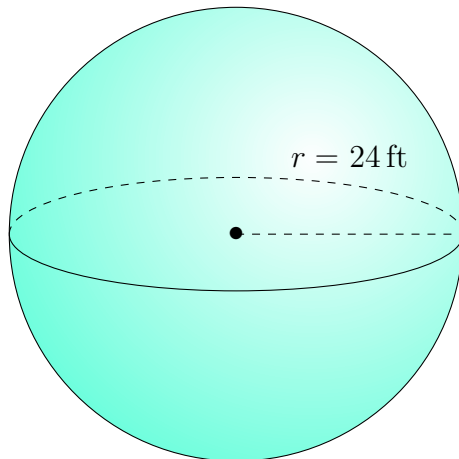
Aire:  $113 \text{ hm}^2$   
Volume:  $113 \text{ hm}^3$

2.



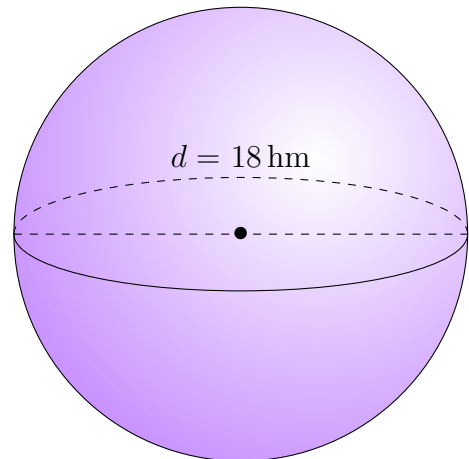
Aire:  $4072 \text{ mm}^2$   
Volume:  $24.429 \text{ mm}^3$

3.



Aire:  $7238 \text{ ft}^2$   
Volume:  $57.906 \text{ ft}^3$

4.



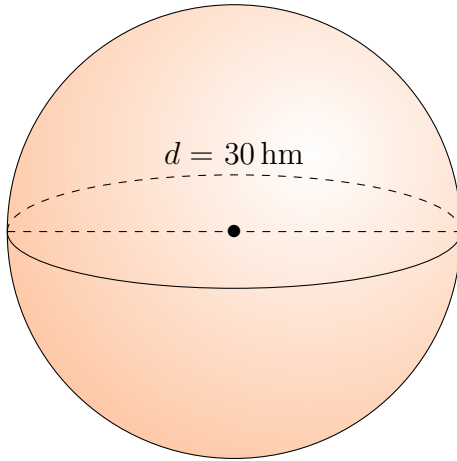
Aire:  $1018 \text{ hm}^2$   
Volume:  $3054 \text{ hm}^3$

# Aire et Volume des Sphères (D)

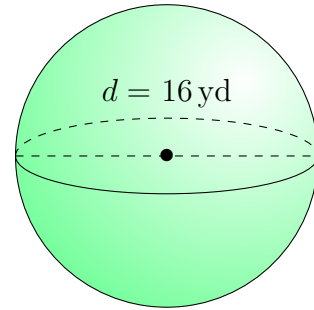
Calculez l'aire et le volume de chaque sphère.

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

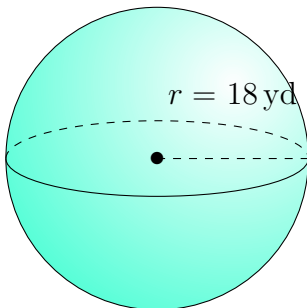
1.



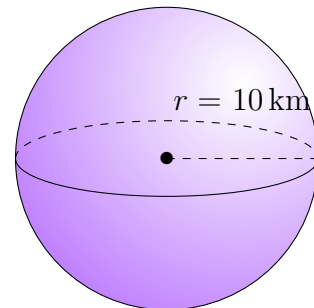
2.



3.



4.

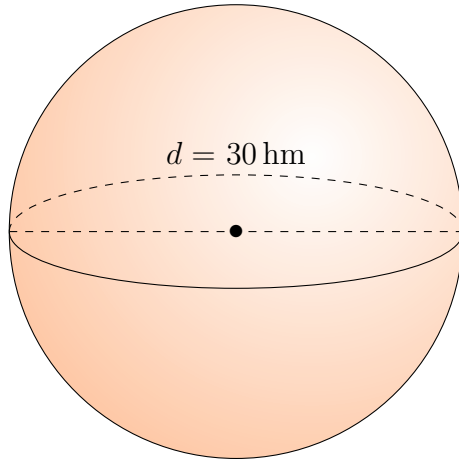


# Aire et Volume des Sphères (D) Réponses

Calculez l'aire et le volume de chaque sphère.

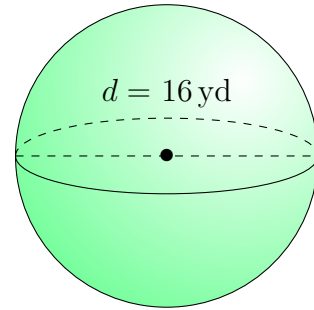
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



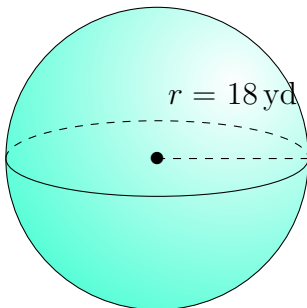
$$\begin{aligned} \text{Aire: } & 2827 \text{ hm}^2 \\ \text{Volume: } & 14.137 \text{ hm}^3 \end{aligned}$$

2.



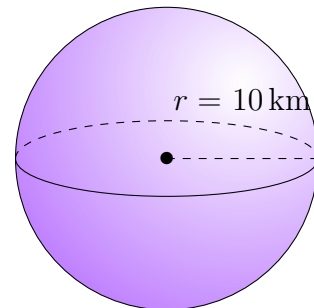
$$\begin{aligned} \text{Aire: } & 804 \text{ yd}^2 \\ \text{Volume: } & 2145 \text{ yd}^3 \end{aligned}$$

3.



$$\begin{aligned} \text{Aire: } & 4072 \text{ yd}^2 \\ \text{Volume: } & 24.429 \text{ yd}^3 \end{aligned}$$

4.



$$\begin{aligned} \text{Aire: } & 1257 \text{ km}^2 \\ \text{Volume: } & 4189 \text{ km}^3 \end{aligned}$$

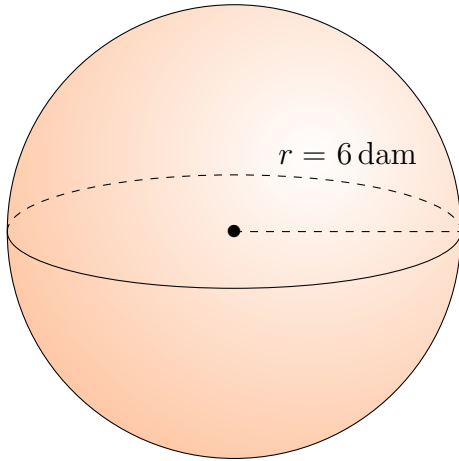


# Aire et Volume des Sphères (E)

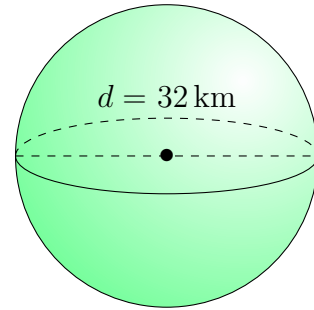
Calculez l'aire et le volume de chaque sphère.

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

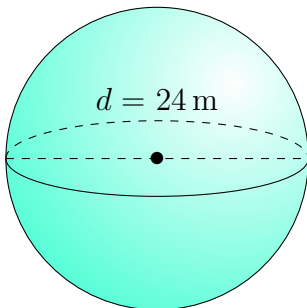
1.



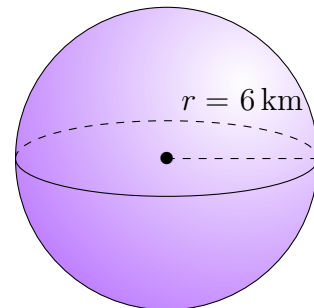
2.



3.



4.

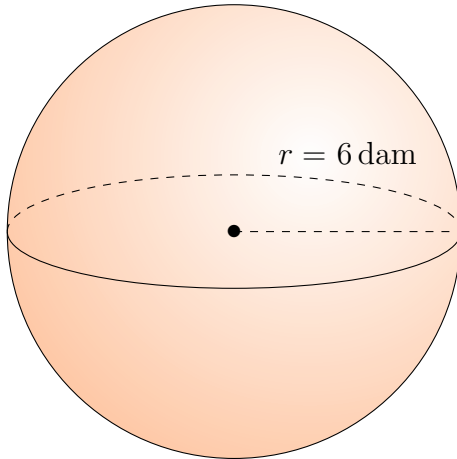


# Aire et Volume des Sphères (E) Réponses

Calculez l'aire et le volume de chaque sphère.

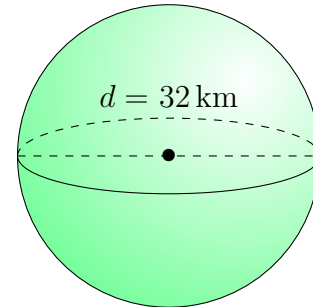
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



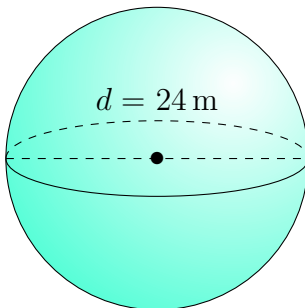
$$\begin{aligned} \text{Aire: } & 452 \text{ dam}^2 \\ \text{Volume: } & 905 \text{ dam}^3 \end{aligned}$$

2.



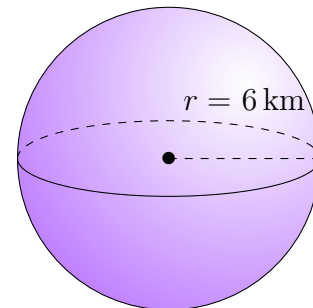
$$\begin{aligned} \text{Aire: } & 3217 \text{ km}^2 \\ \text{Volume: } & 17.157 \text{ km}^3 \end{aligned}$$

3.



$$\begin{aligned} \text{Aire: } & 1810 \text{ m}^2 \\ \text{Volume: } & 7238 \text{ m}^3 \end{aligned}$$

4.



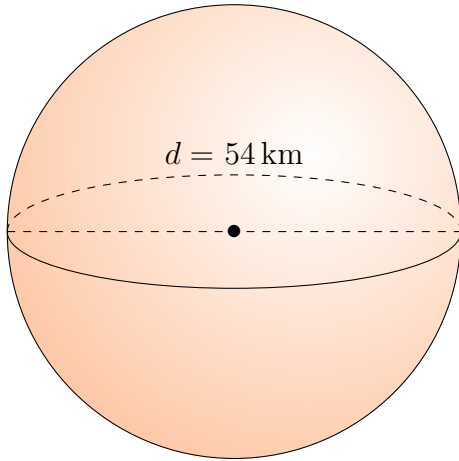
$$\begin{aligned} \text{Aire: } & 452 \text{ km}^2 \\ \text{Volume: } & 905 \text{ km}^3 \end{aligned}$$

# Aire et Volume des Sphères (F)

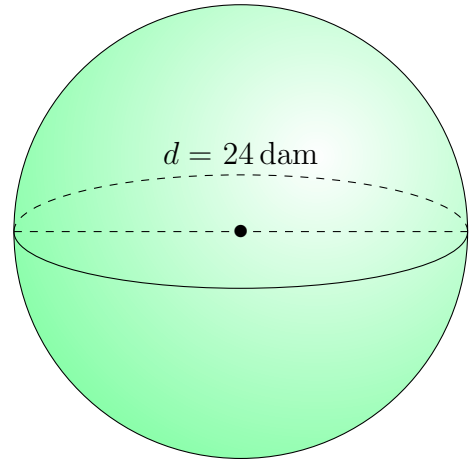
Calculez l'aire et le volume de chaque sphère.

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

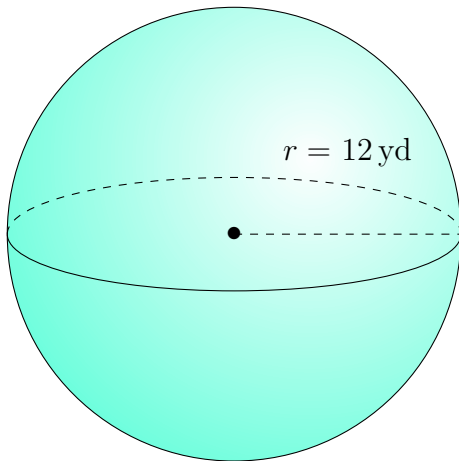
1.



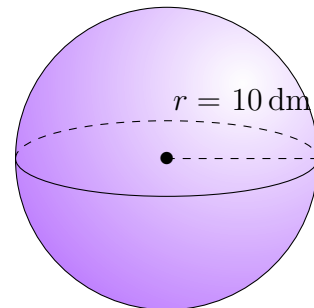
2.



3.



4.

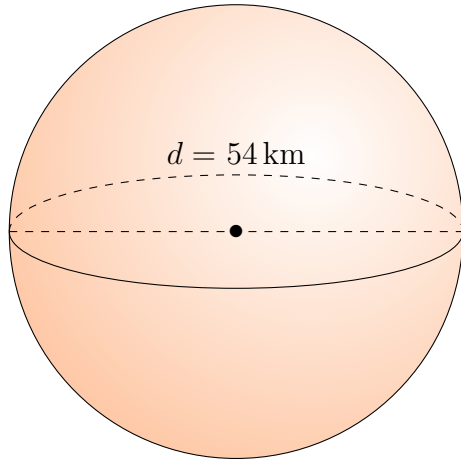


# Aire et Volume des Sphères (F) Réponses

Calculez l'aire et le volume de chaque sphère.

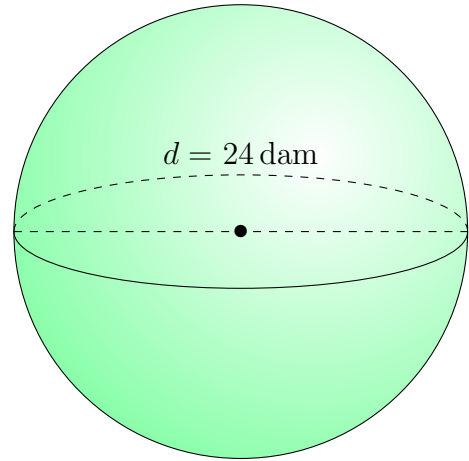
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



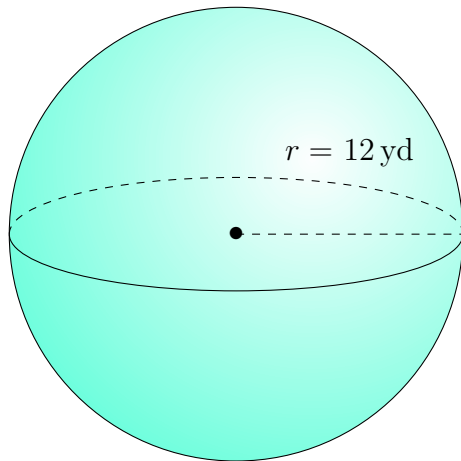
Aire:  $9161 \text{ km}^2$   
Volume:  $82.448 \text{ km}^3$

2.



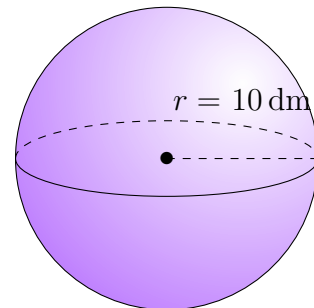
Aire:  $1810 \text{ dam}^2$   
Volume:  $7238 \text{ dam}^3$

3.



Aire:  $1810 \text{ yd}^2$   
Volume:  $7238 \text{ yd}^3$

4.



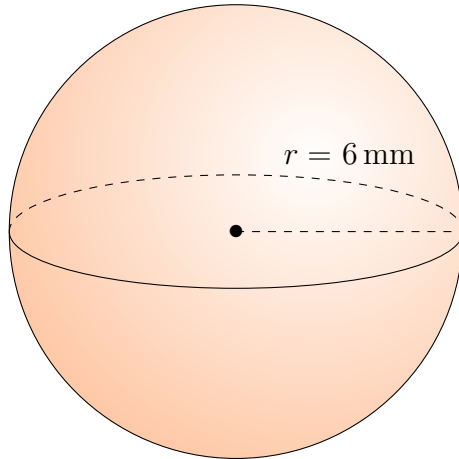
Aire:  $1257 \text{ dm}^2$   
Volume:  $4189 \text{ dm}^3$

# Aire et Volume des Sphères (G)

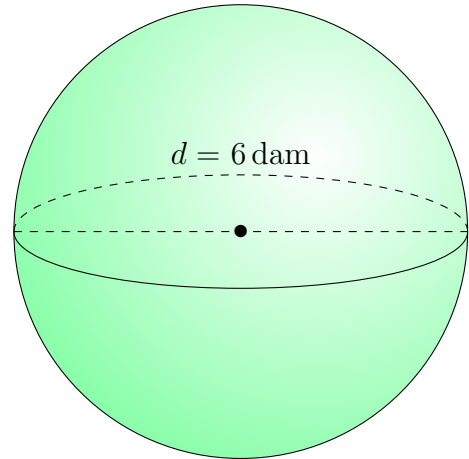
Calculez l'aire et le volume de chaque sphère.

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

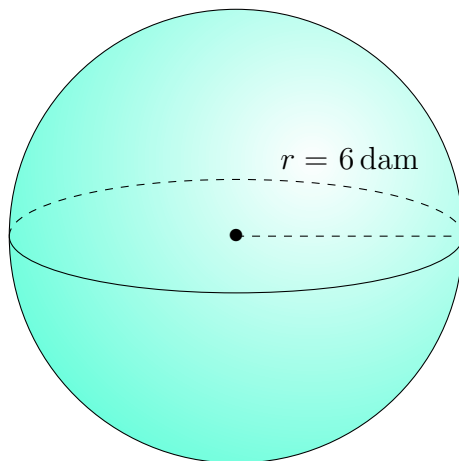
1.



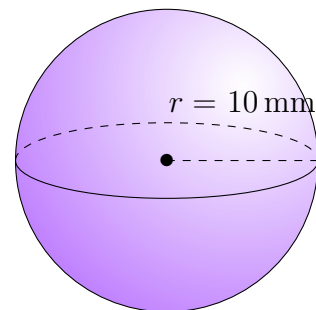
2.



3.



4.

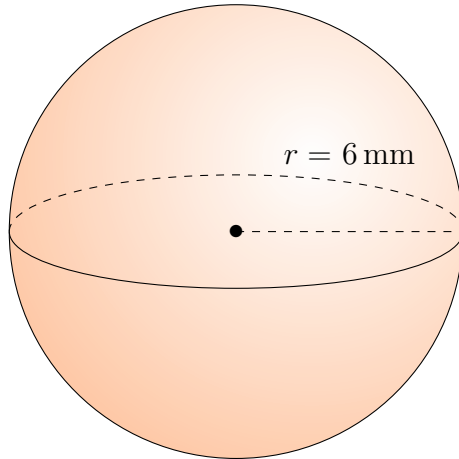


# Aire et Volume des Sphères (G) Réponses

Calculez l'aire et le volume de chaque sphère.

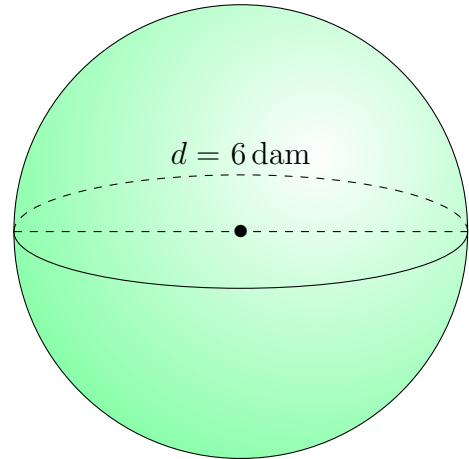
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



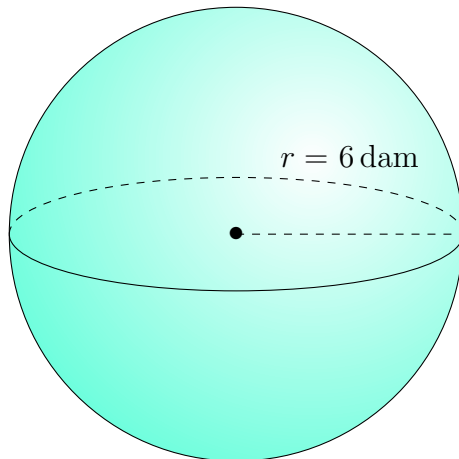
Aire:  $452 \text{ mm}^2$   
Volume:  $905 \text{ mm}^3$

2.



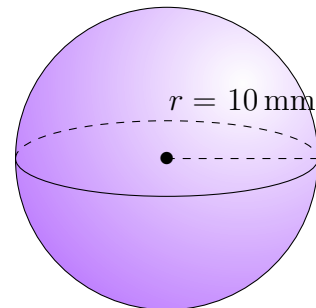
Aire:  $113 \text{ dam}^2$   
Volume:  $113 \text{ dam}^3$

3.



Aire:  $452 \text{ dam}^2$   
Volume:  $905 \text{ dam}^3$

4.



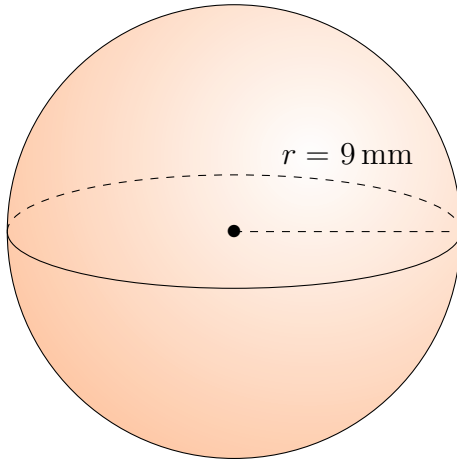
Aire:  $1257 \text{ mm}^2$   
Volume:  $4189 \text{ mm}^3$

# Aire et Volume des Sphères (H)

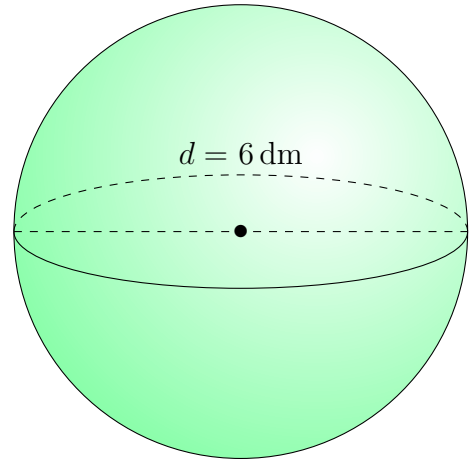
Calculez l'aire et le volume de chaque sphère.

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

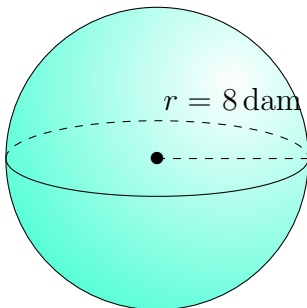
1.



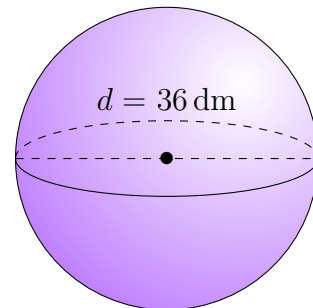
2.



3.



4.

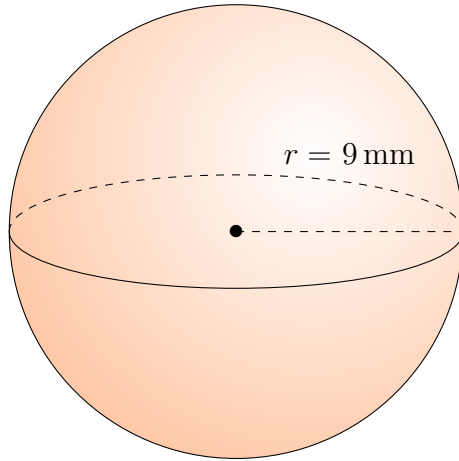


# Aire et Volume des Sphères (H) Réponses

Calculez l'aire et le volume de chaque sphère.

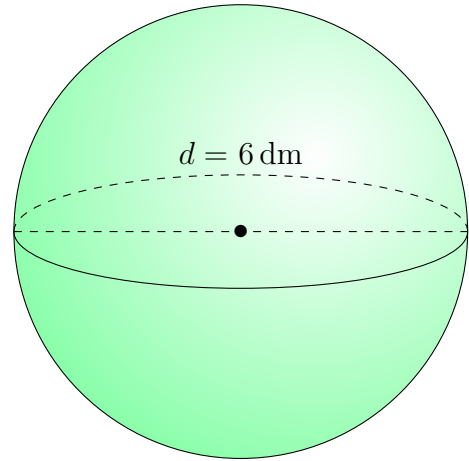
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



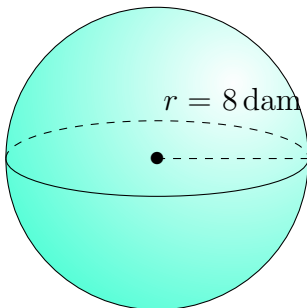
Aire:  $1018 \text{ mm}^2$   
Volume:  $3054 \text{ mm}^3$

2.



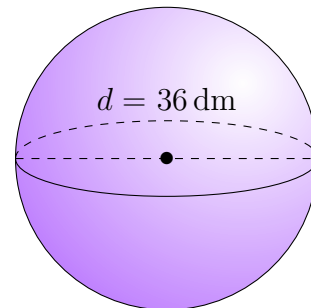
Aire:  $113 \text{ dm}^2$   
Volume:  $113 \text{ dm}^3$

3.



Aire:  $804 \text{ dm}^2$   
Volume:  $2145 \text{ dm}^3$

4.



Aire:  $4072 \text{ dm}^2$   
Volume:  $24.429 \text{ dm}^3$

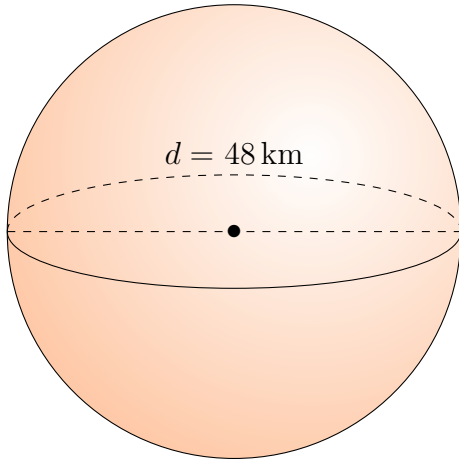


# Aire et Volume des Sphères (I)

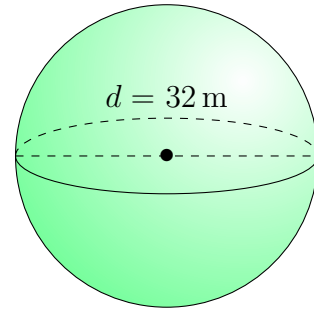
Calculez l'aire et le volume de chaque sphère.

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

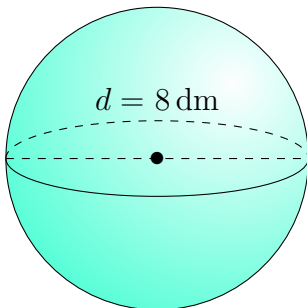
1.



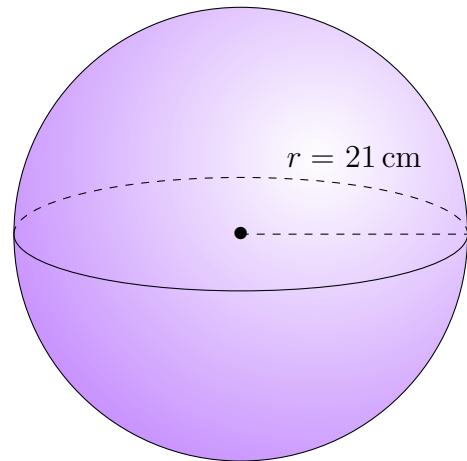
2.



3.



4.

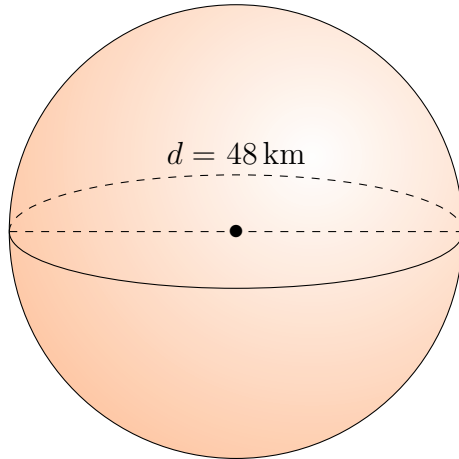


# Aire et Volume des Sphères (I) Réponses

Calculez l'aire et le volume de chaque sphère.

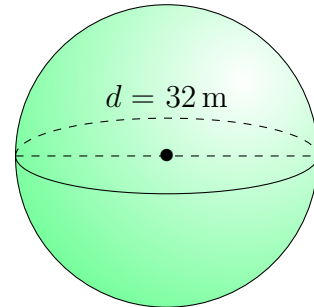
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



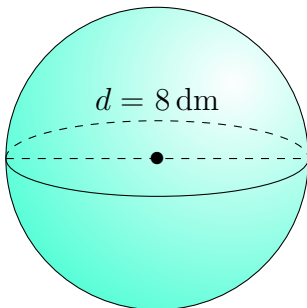
$$\begin{aligned} \text{Aire: } & 7238 \text{ km}^2 \\ \text{Volume: } & 57.906 \text{ km}^3 \end{aligned}$$

2.



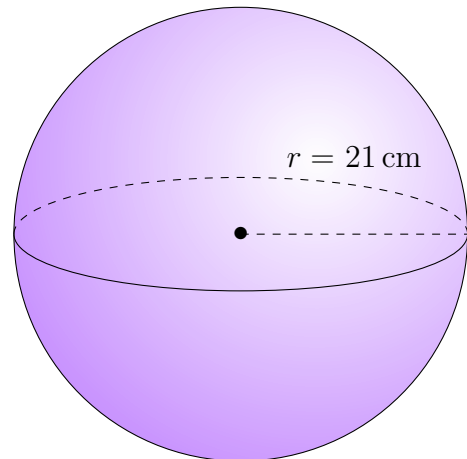
$$\begin{aligned} \text{Aire: } & 3217 \text{ m}^2 \\ \text{Volume: } & 17.157 \text{ m}^3 \end{aligned}$$

3.



$$\begin{aligned} \text{Aire: } & 201 \text{ dm}^2 \\ \text{Volume: } & 268 \text{ dm}^3 \end{aligned}$$

4.



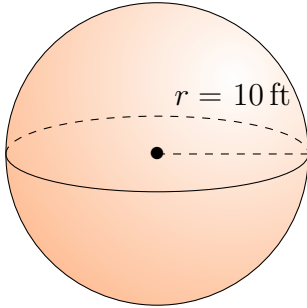
$$\begin{aligned} \text{Aire: } & 5542 \text{ cm}^2 \\ \text{Volume: } & 38.792 \text{ cm}^3 \end{aligned}$$

# Aire et Volume des Sphères (J)

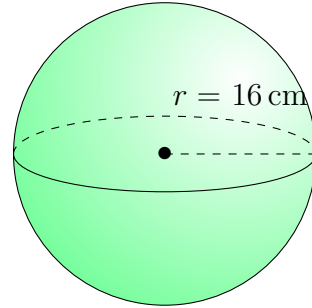
Calculez l'aire et le volume de chaque sphère.

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

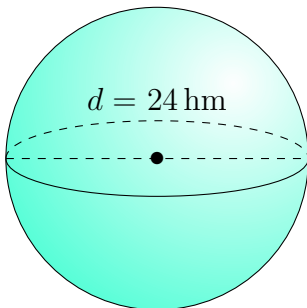
1.



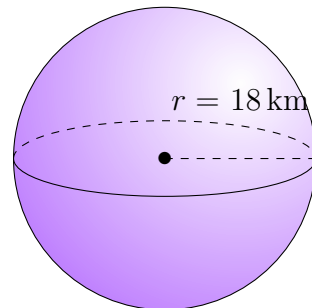
2.



3.



4.

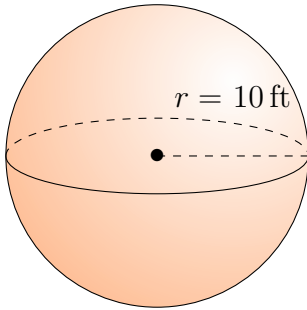


# Aire et Volume des Sphères (J) Réponses

Calculez l'aire et le volume de chaque sphère.

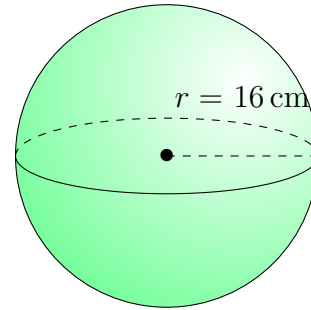
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



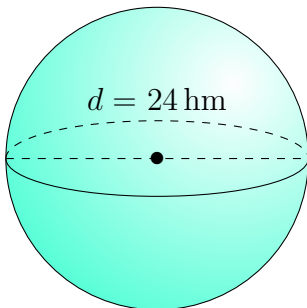
Aire:  $1257 \text{ ft}^2$   
Volume:  $4189 \text{ ft}^3$

2.



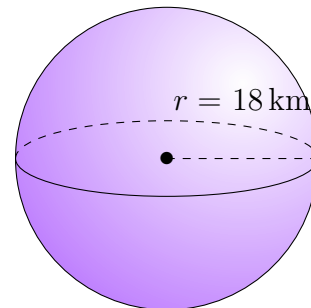
Aire:  $3217 \text{ cm}^2$   
Volume:  $17.157 \text{ cm}^3$

3.



Aire:  $1810 \text{ hm}^2$   
Volume:  $7238 \text{ hm}^3$

4.



Aire:  $4072 \text{ km}^2$   
Volume:  $24.429 \text{ km}^3$