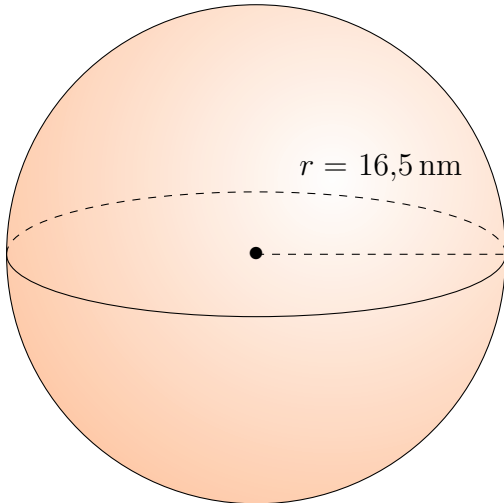


Aire et Volume des Sphères (A)

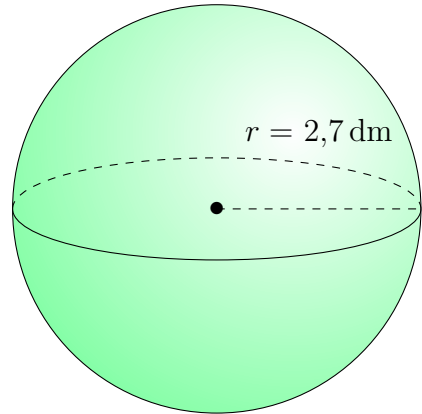
Calculez l'aire et le volume de chaque sphère.

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

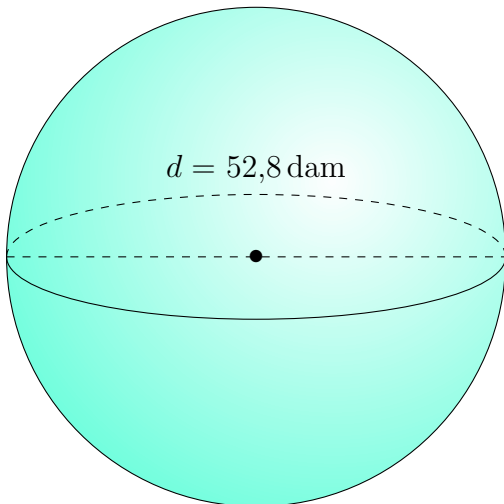
1.



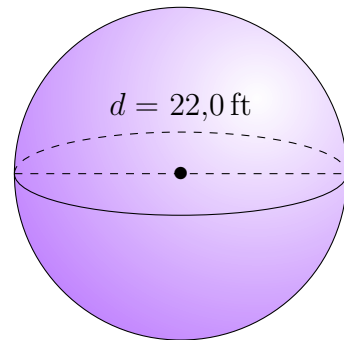
2.



3.



4.

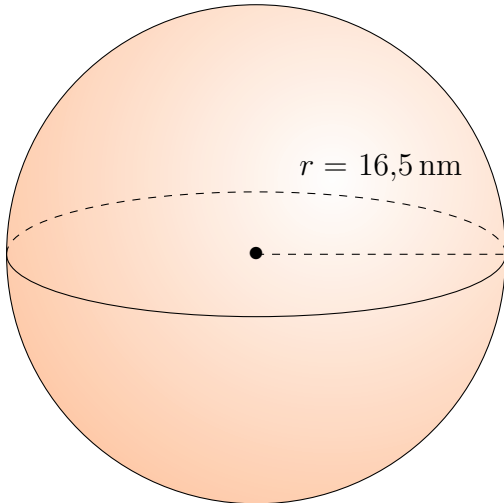


Aire et Volume des Sphères (A) Réponses

Calculez l'aire et le volume de chaque sphère.

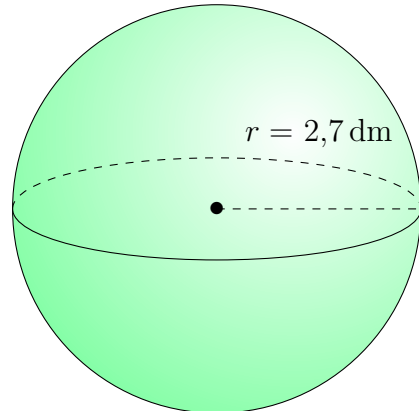
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



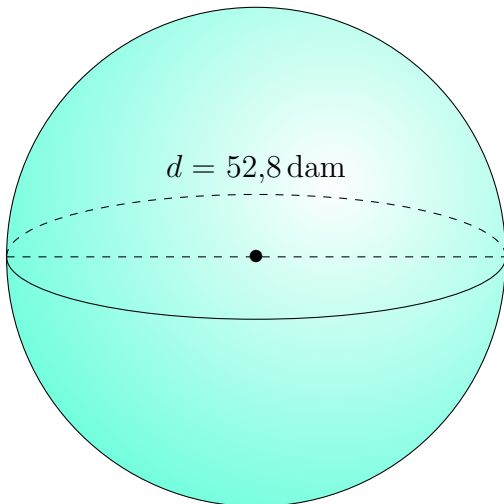
$$\begin{aligned} \text{Aire: } & 3421,2 \text{ nm}^2 \\ \text{Volume: } & 18.816,6 \text{ nm}^3 \end{aligned}$$

2.



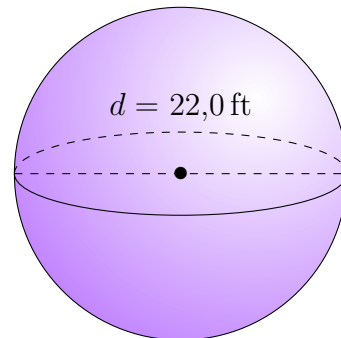
$$\begin{aligned} \text{Aire: } & 91,6 \text{ dm}^2 \\ \text{Volume: } & 82,4 \text{ dm}^3 \end{aligned}$$

3.



$$\begin{aligned} \text{Aire: } & 8758,3 \text{ dam}^2 \\ \text{Volume: } & 77.072,7 \text{ dam}^3 \end{aligned}$$

4.



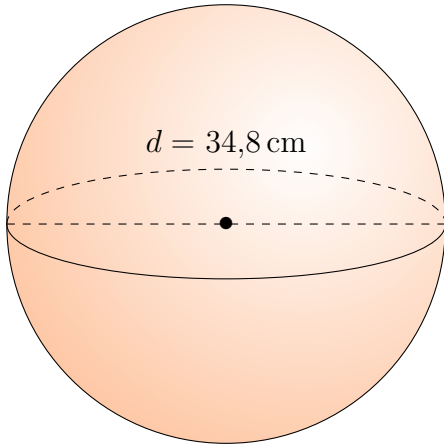
$$\begin{aligned} \text{Aire: } & 1520,5 \text{ ft}^2 \\ \text{Volume: } & 5575,3 \text{ ft}^3 \end{aligned}$$

Aire et Volume des Sphères (B)

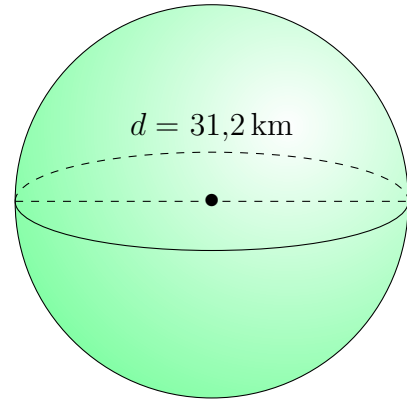
Calculez l'aire et le volume de chaque sphère.

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

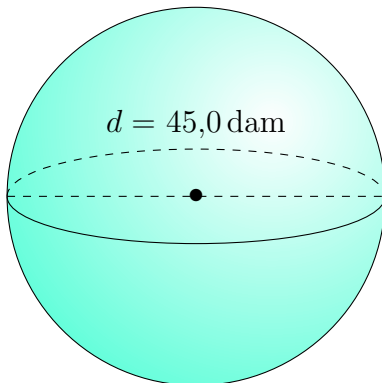
1.



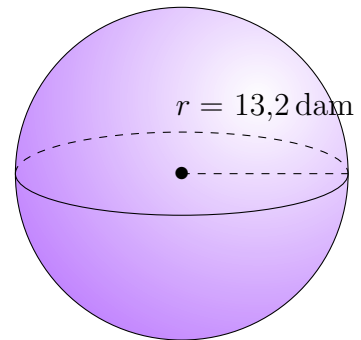
2.



3.



4.

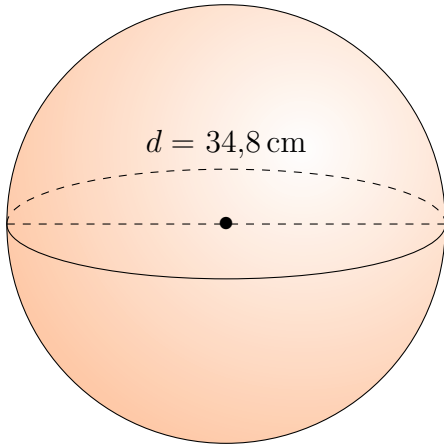


Aire et Volume des Sphères (B) Réponses

Calculez l'aire et le volume de chaque sphère.

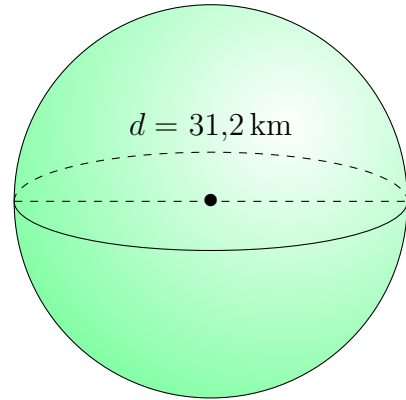
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



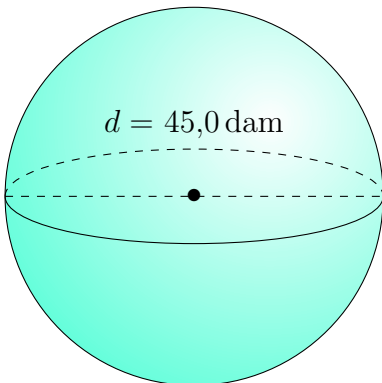
Aire: $3804,6 \text{ cm}^2$
Volume: $22.066,6 \text{ cm}^3$

2.



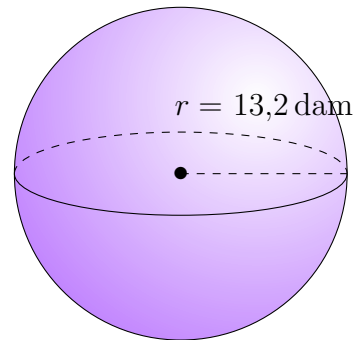
Aire: $3058,2 \text{ km}^2$
Volume: $15.902,4 \text{ km}^3$

3.



Aire: $6361,7 \text{ dam}^2$
Volume: $47.712,9 \text{ dam}^3$

4.



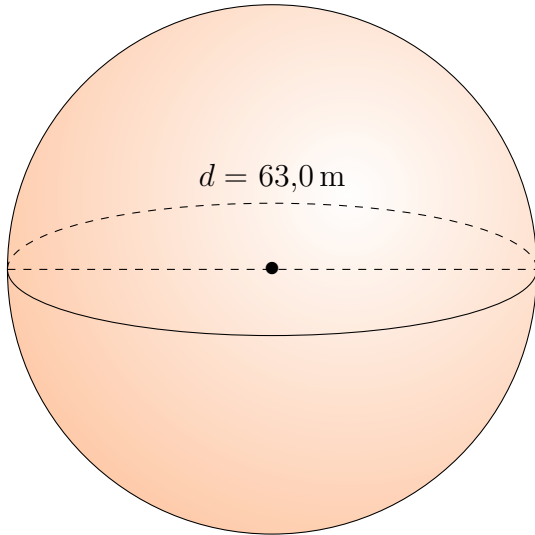
Aire: $2189,6 \text{ dam}^2$
Volume: $9634,1 \text{ dam}^3$

Aire et Volume des Sphères (C)

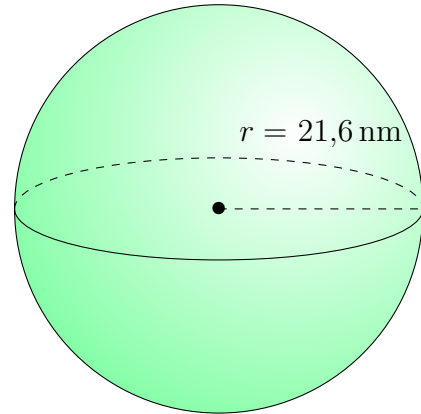
Calculez l'aire et le volume de chaque sphère.

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

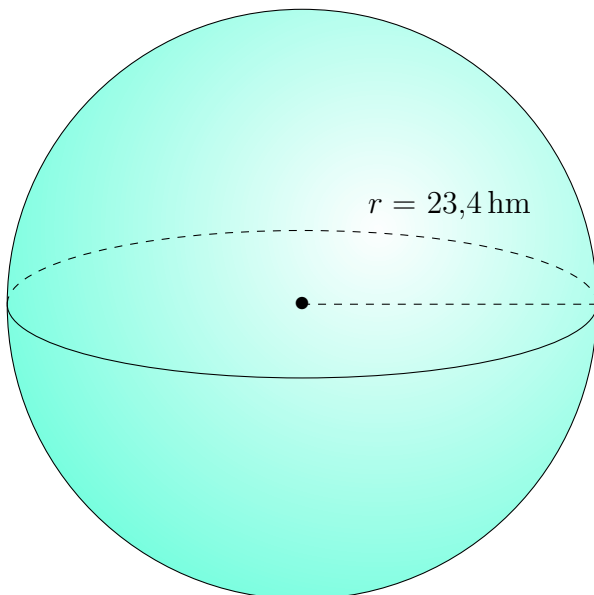
1.



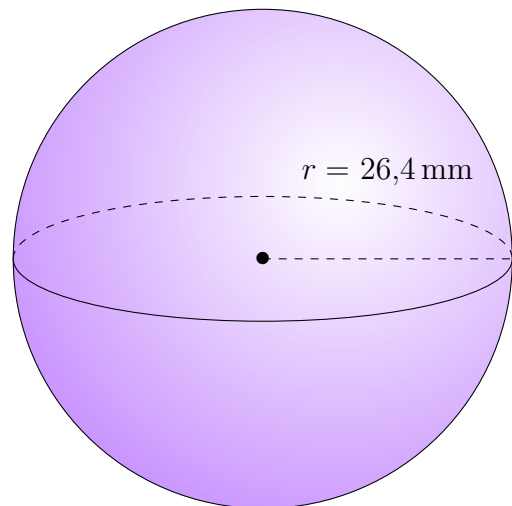
2.



3.



4.

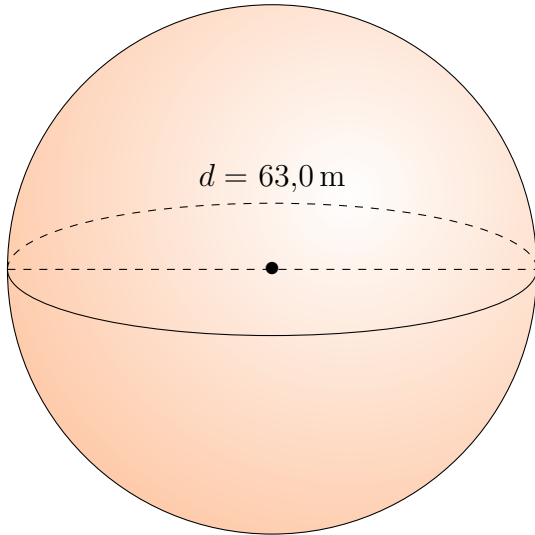


Aire et Volume des Sphères (C) Réponses

Calculez l'aire et le volume de chaque sphère.

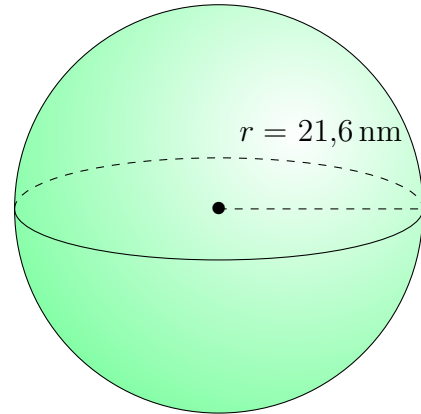
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



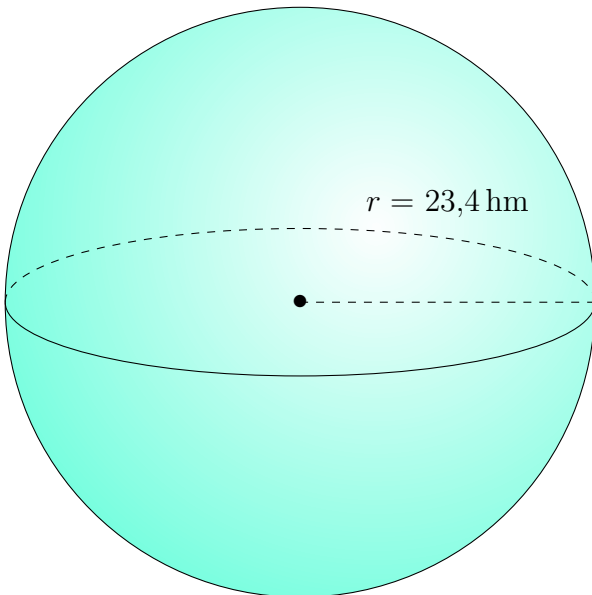
$$\begin{aligned} \text{Aire: } & 12.469,0 \text{ m}^2 \\ \text{Volume: } & 130.924,3 \text{ m}^3 \end{aligned}$$

2.



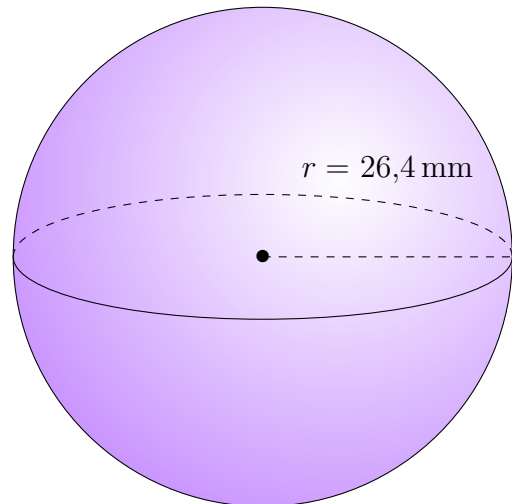
$$\begin{aligned} \text{Aire: } & 5863,0 \text{ nm}^2 \\ \text{Volume: } & 42.213,4 \text{ nm}^3 \end{aligned}$$

3.



$$\begin{aligned} \text{Aire: } & 6880,8 \text{ hm}^2 \\ \text{Volume: } & 53.670,6 \text{ hm}^3 \end{aligned}$$

4.



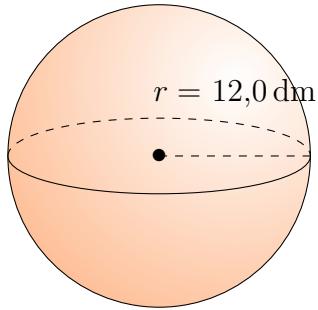
$$\begin{aligned} \text{Aire: } & 8758,3 \text{ mm}^2 \\ \text{Volume: } & 77.072,7 \text{ mm}^3 \end{aligned}$$

Aire et Volume des Sphères (D)

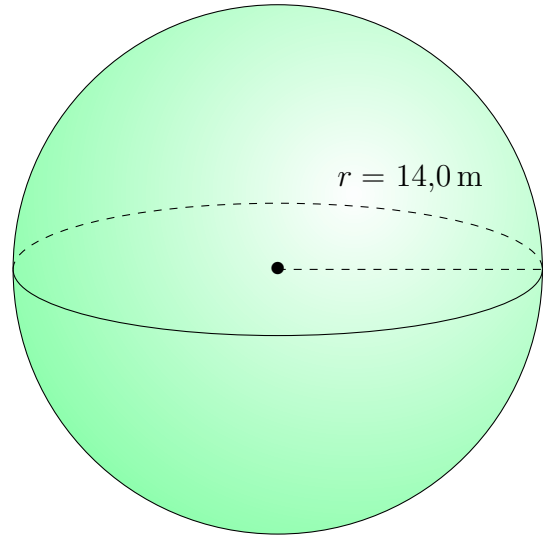
Calculez l'aire et le volume de chaque sphère.

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

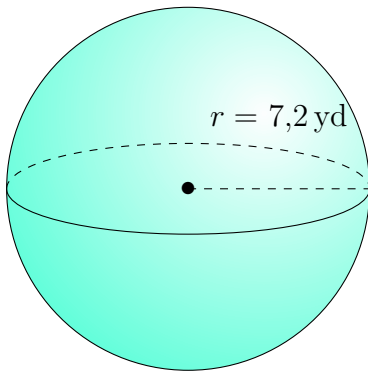
1.



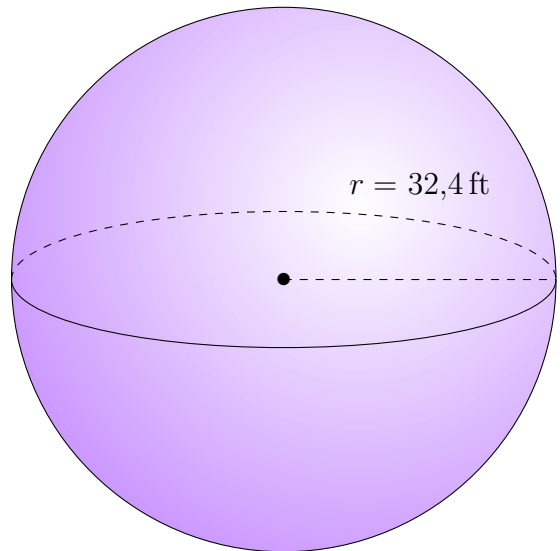
2.



3.



4.

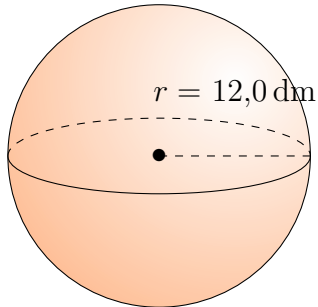


Aire et Volume des Sphères (D) Réponses

Calculez l'aire et le volume de chaque sphère.

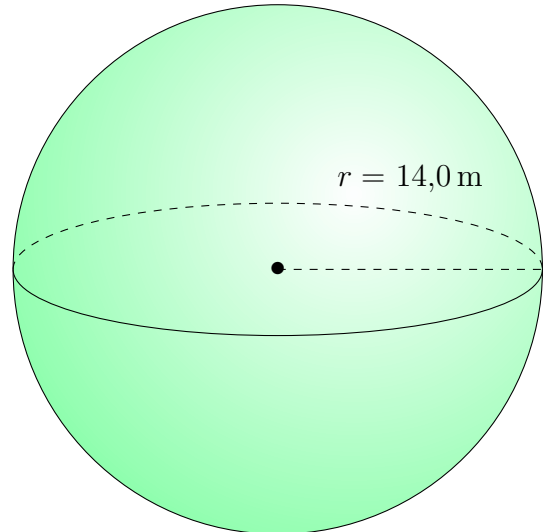
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



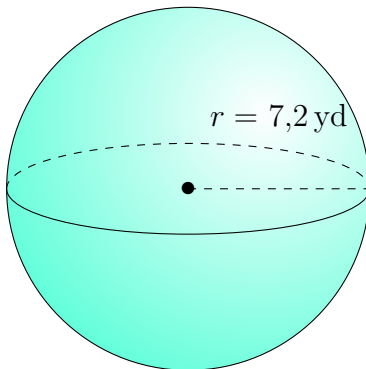
Aire: 1809,6 dm²
Volume: 7238,2 dm³

2.



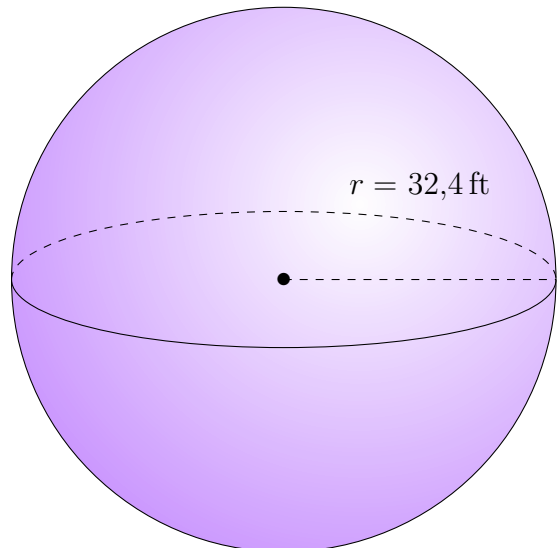
Aire: 2463,0 m²
Volume: 11.494,0 m³

3.



Aire: 651,4 yd²
Volume: 1563,5 yd³

4.



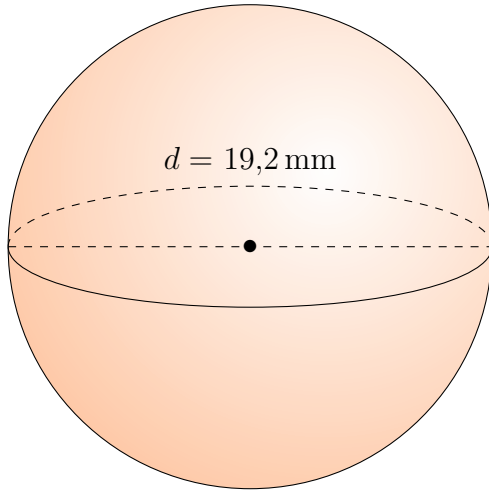
Aire: 13.191,7 ft²
Volume: 142.470,1 ft³

Aire et Volume des Sphères (E)

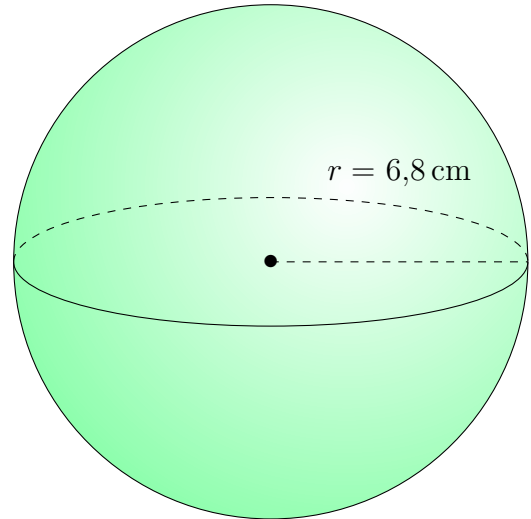
Calculez l'aire et le volume de chaque sphère.

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

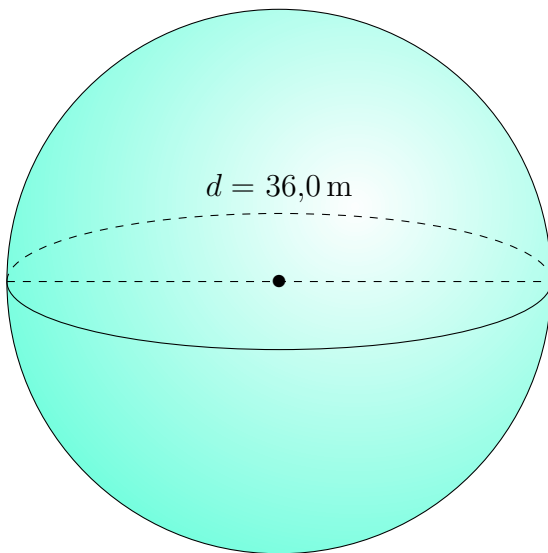
1.



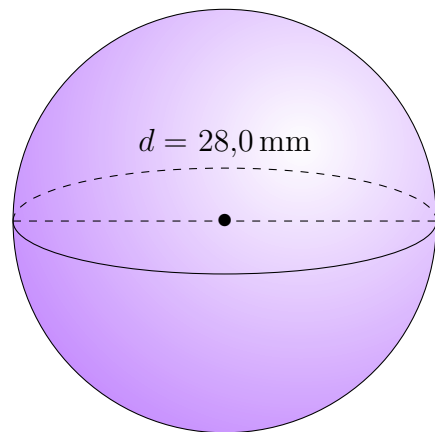
2.



3.



4.

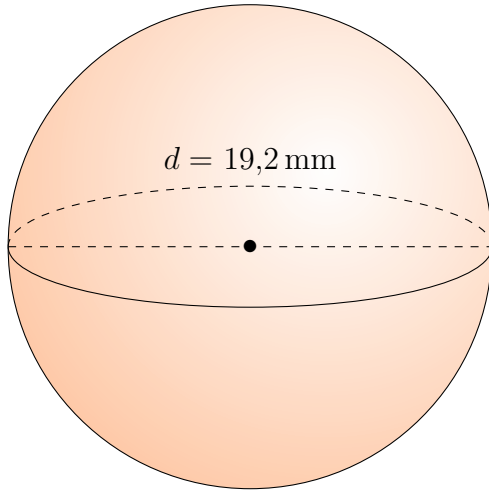


Aire et Volume des Sphères (E) Réponses

Calculez l'aire et le volume de chaque sphère.

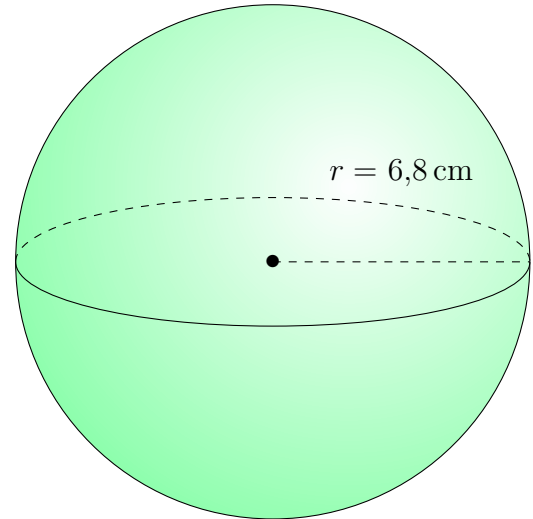
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



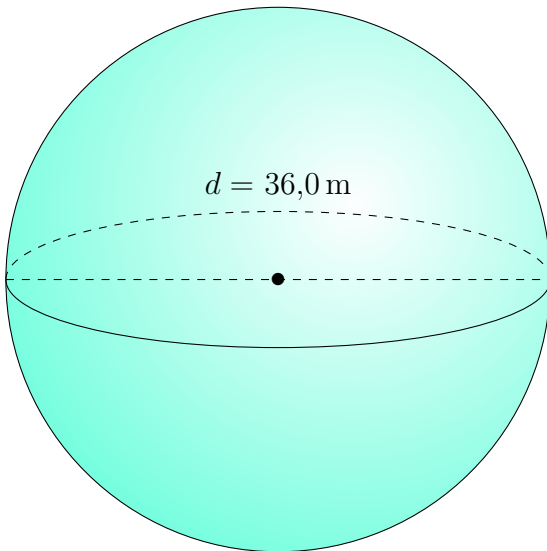
$$\begin{aligned} \text{Aire: } & 1158,1 \text{ mm}^2 \\ \text{Volume: } & 3706,0 \text{ mm}^3 \end{aligned}$$

2.



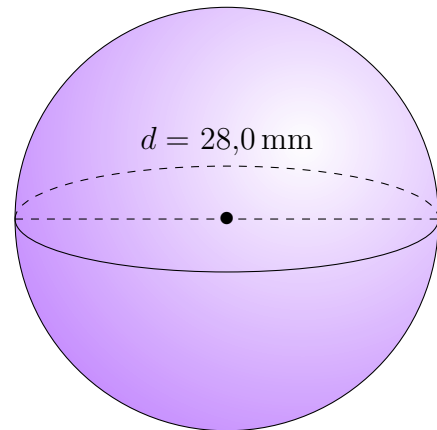
$$\begin{aligned} \text{Aire: } & 581,1 \text{ cm}^2 \\ \text{Volume: } & 1317,1 \text{ cm}^3 \end{aligned}$$

3.



$$\begin{aligned} \text{Aire: } & 4071,5 \text{ m}^2 \\ \text{Volume: } & 24.429,0 \text{ m}^3 \end{aligned}$$

4.



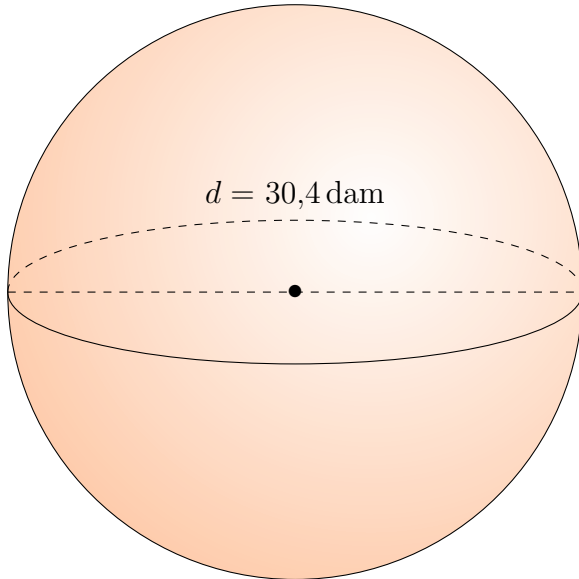
$$\begin{aligned} \text{Aire: } & 2463,0 \text{ mm}^2 \\ \text{Volume: } & 11.494,0 \text{ mm}^3 \end{aligned}$$

Aire et Volume des Sphères (F)

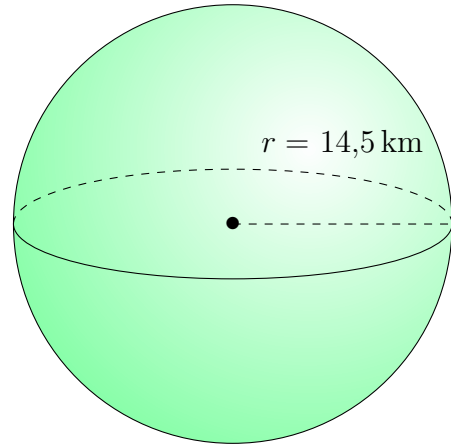
Calculez l'aire et le volume de chaque sphère.

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

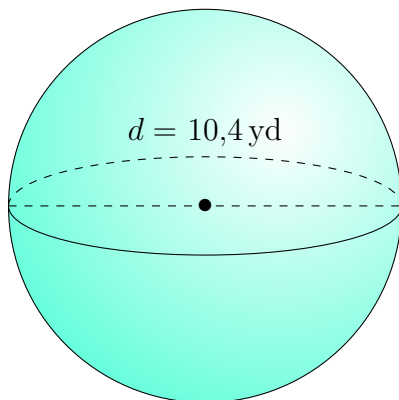
1.



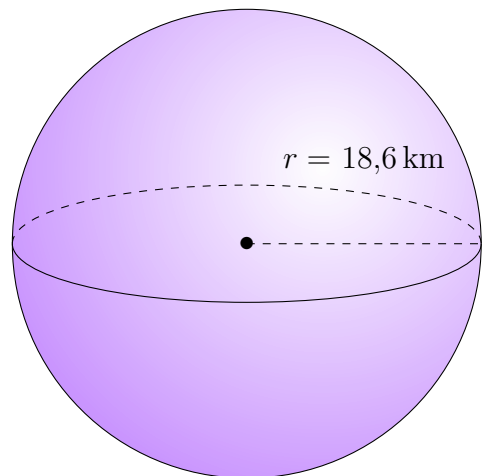
2.



3.



4.

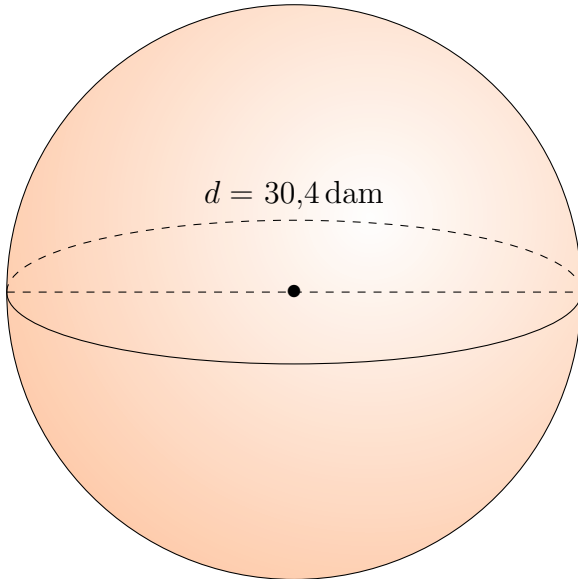


Aire et Volume des Sphères (F) Réponses

Calculez l'aire et le volume de chaque sphère.

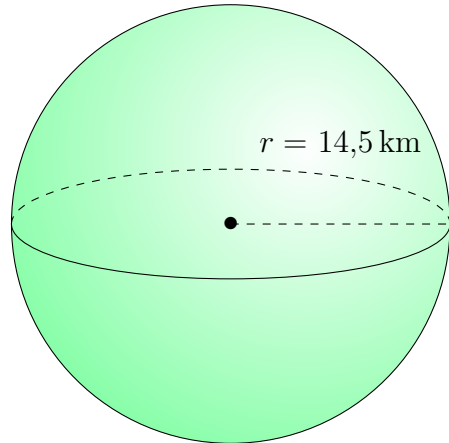
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



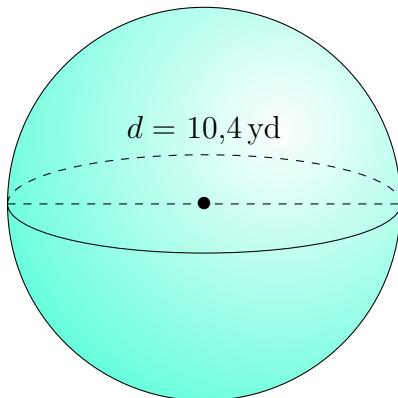
$$\begin{aligned} \text{Aire: } & 2903,3 \text{ dam}^2 \\ \text{Volume: } & 14.710,2 \text{ dam}^3 \end{aligned}$$

2.



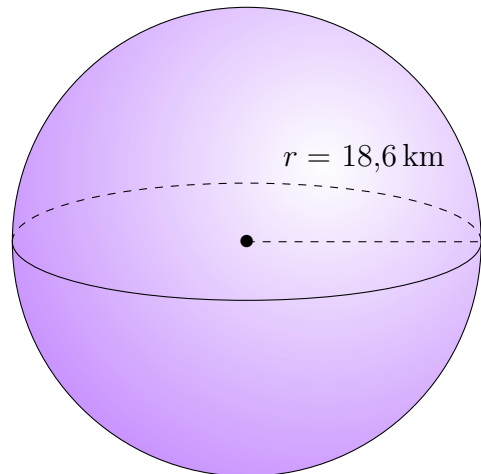
$$\begin{aligned} \text{Aire: } & 2642,1 \text{ km}^2 \\ \text{Volume: } & 12.770,1 \text{ km}^3 \end{aligned}$$

3.



$$\begin{aligned} \text{Aire: } & 339,8 \text{ yd}^2 \\ \text{Volume: } & 589,0 \text{ yd}^3 \end{aligned}$$

4.



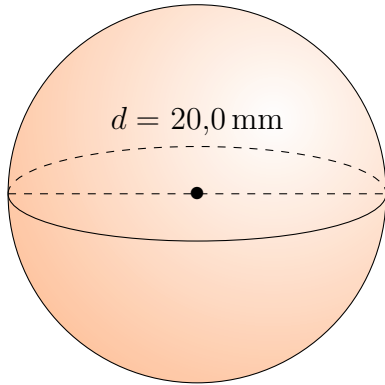
$$\begin{aligned} \text{Aire: } & 4347,5 \text{ km}^2 \\ \text{Volume: } & 26.954,3 \text{ km}^3 \end{aligned}$$

Aire et Volume des Sphères (G)

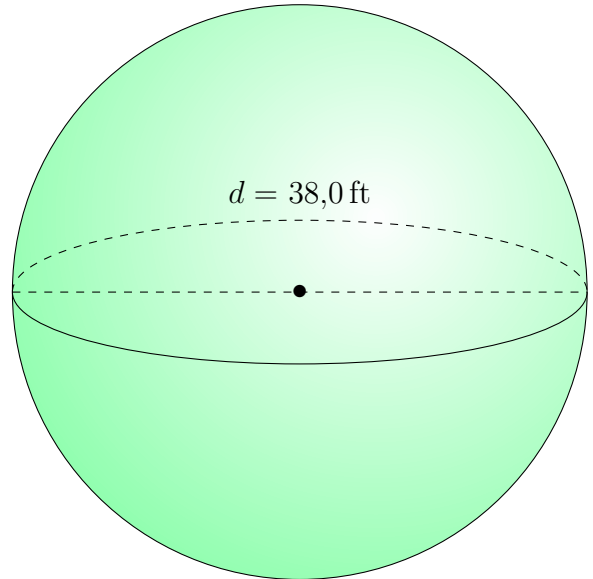
Calculez l'aire et le volume de chaque sphère.

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

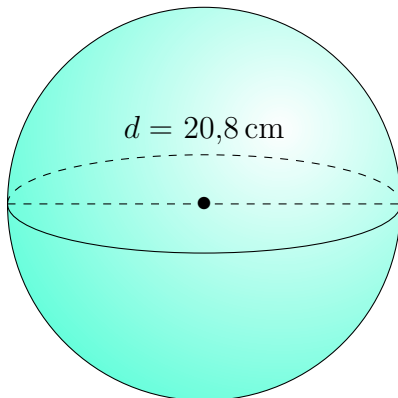
1.



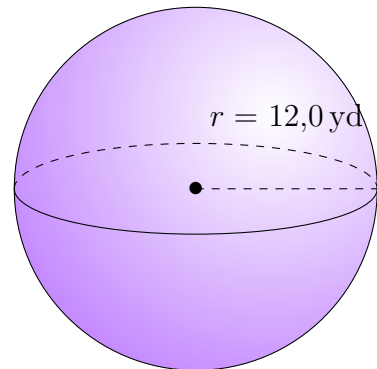
2.



3.



4.

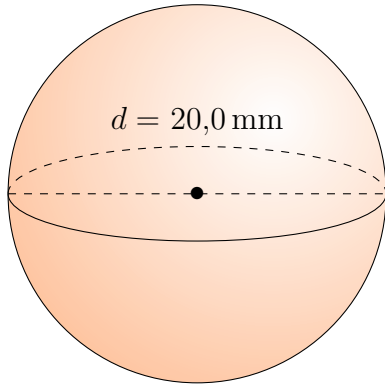


Aire et Volume des Sphères (G) Réponses

Calculez l'aire et le volume de chaque sphère.

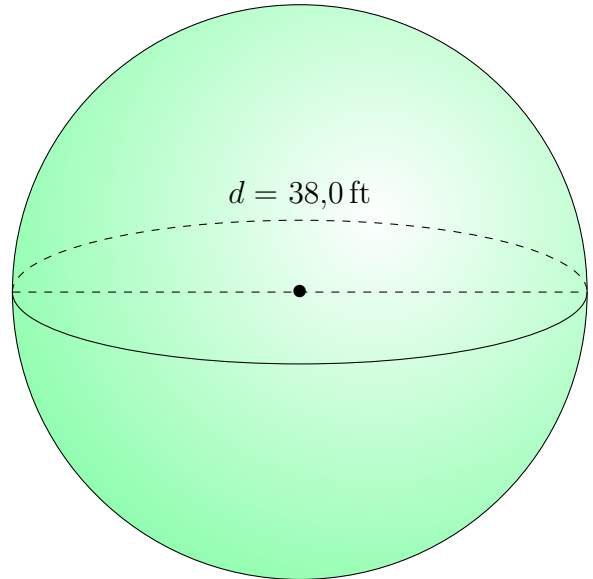
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



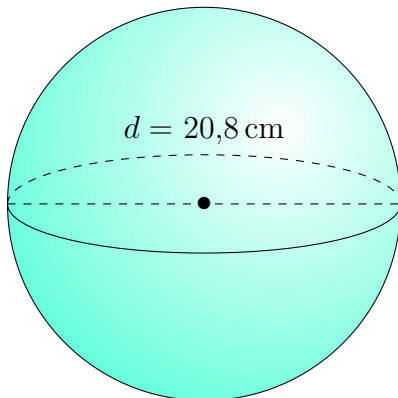
Aire: 1256,6 mm²
Volume: 4188,8 mm³

2.



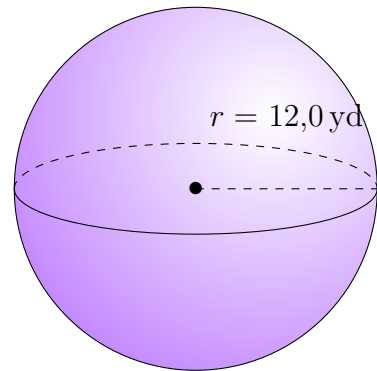
Aire: 4536,5 ft²
Volume: 28.730,9 ft³

3.



Aire: 1359,2 cm²
Volume: 4711,8 cm³

4.



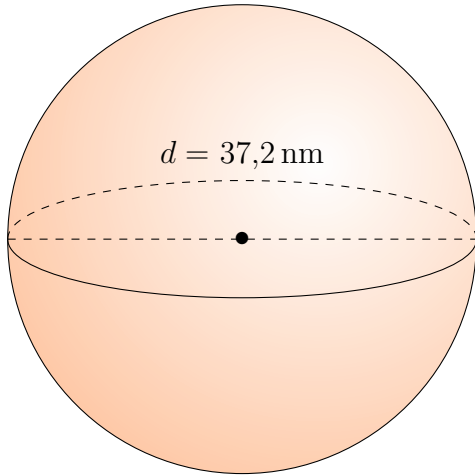
Aire: 1809,6 yd²
Volume: 7238,2 yd³

Aire et Volume des Sphères (H)

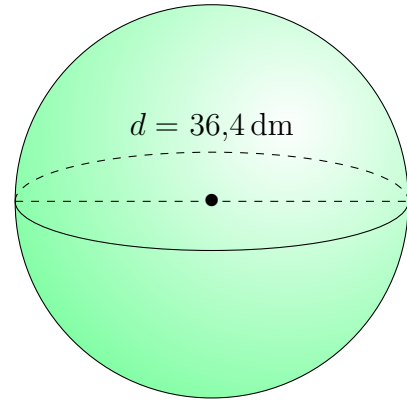
Calculez l'aire et le volume de chaque sphère.

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

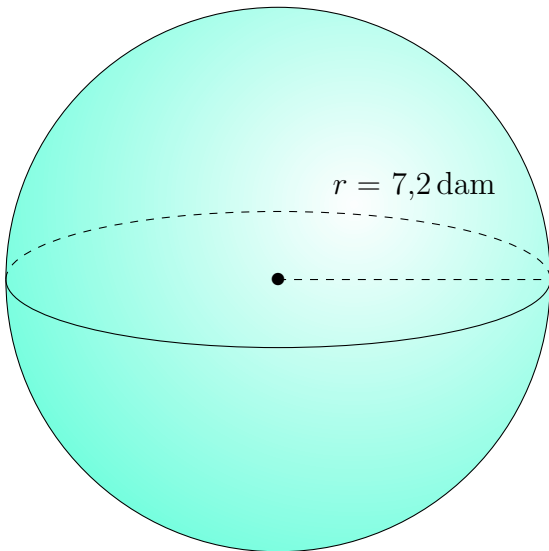
1.



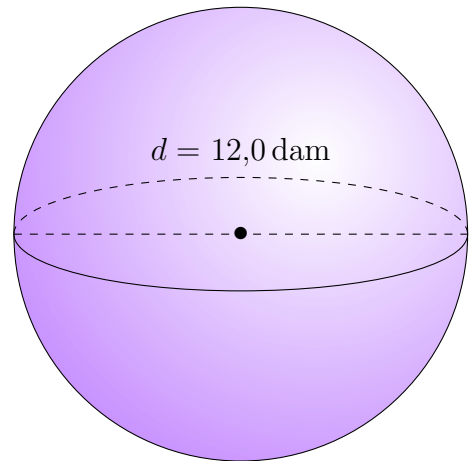
2.



3.



4.

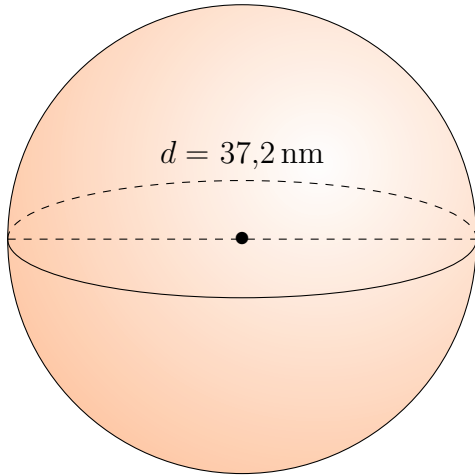


Aire et Volume des Sphères (H) Réponses

Calculez l'aire et le volume de chaque sphère.

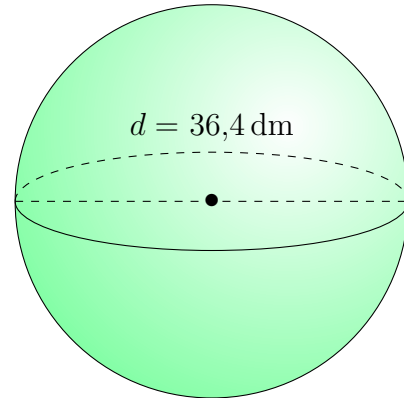
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



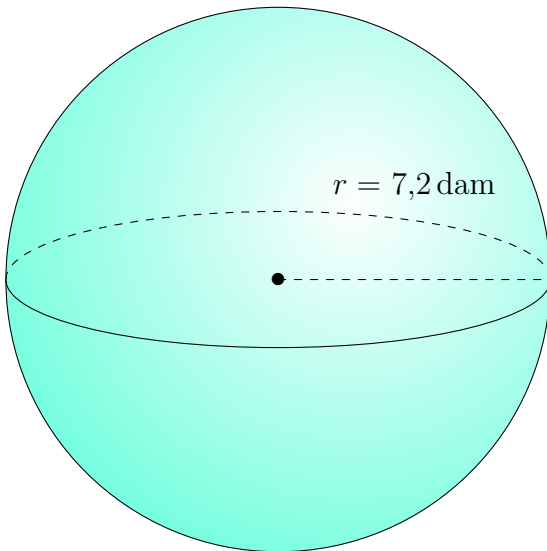
$$\begin{aligned} \text{Aire: } & 4347,5 \text{ nm}^2 \\ \text{Volume: } & 26.954,3 \text{ nm}^3 \end{aligned}$$

2.



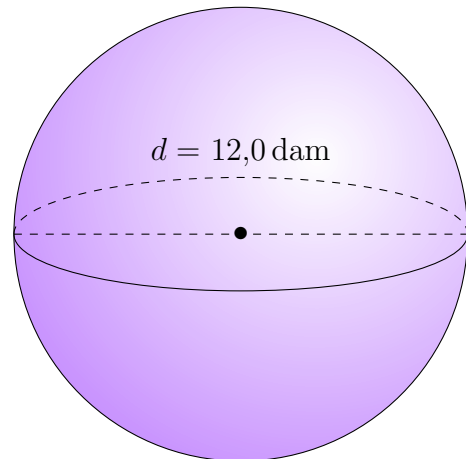
$$\begin{aligned} \text{Aire: } & 4162,5 \text{ dm}^2 \\ \text{Volume: } & 25.252,4 \text{ dm}^3 \end{aligned}$$

3.



$$\begin{aligned} \text{Aire: } & 651,4 \text{ dam}^2 \\ \text{Volume: } & 1563,5 \text{ dam}^3 \end{aligned}$$

4.



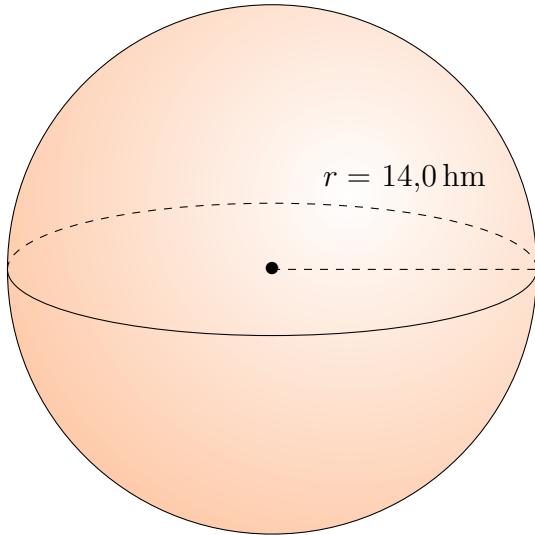
$$\begin{aligned} \text{Aire: } & 452,4 \text{ dam}^2 \\ \text{Volume: } & 904,8 \text{ dam}^3 \end{aligned}$$

Aire et Volume des Sphères (I)

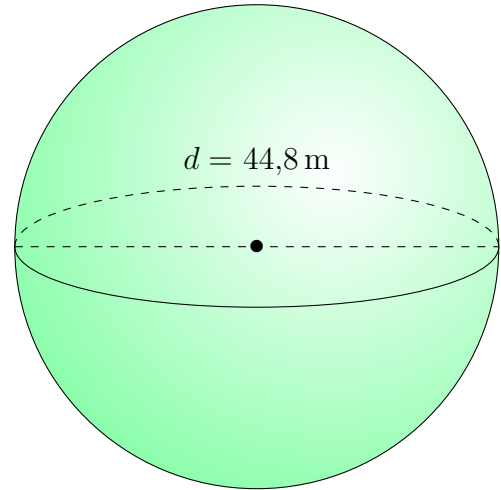
Calculez l'aire et le volume de chaque sphère.

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

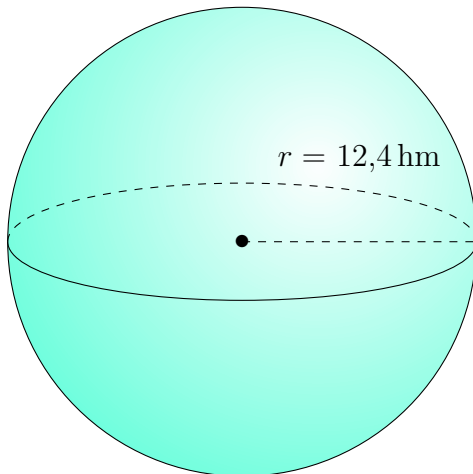
1.



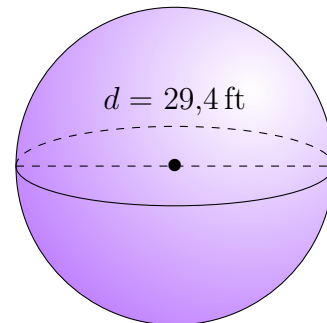
2.



3.



4.

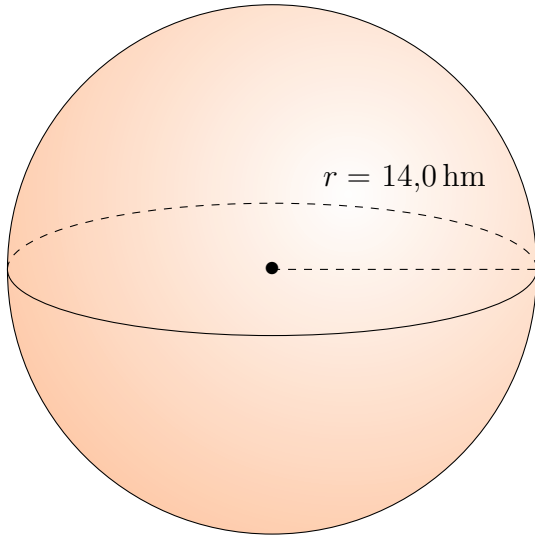


Aire et Volume des Sphères (I) Réponses

Calculez l'aire et le volume de chaque sphère.

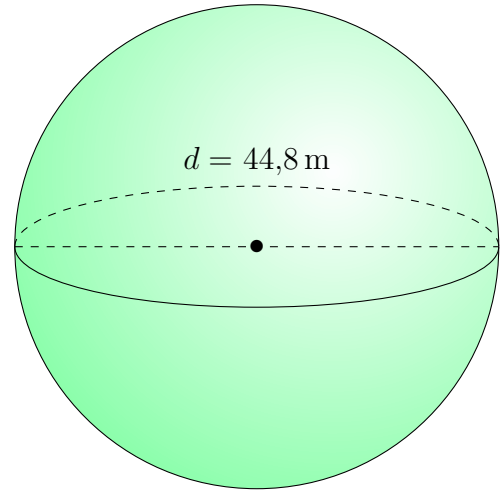
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



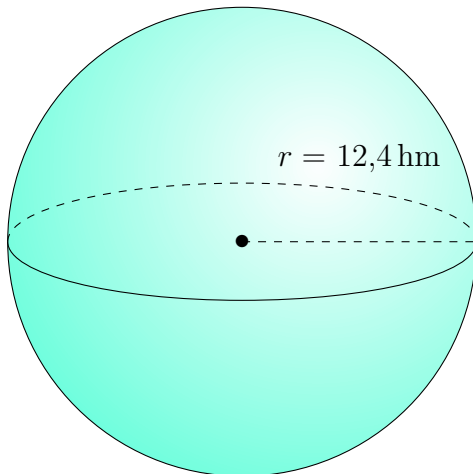
$$\begin{aligned} \text{Aire: } & 2463,0 \text{ hm}^2 \\ \text{Volume: } & 11.494,0 \text{ hm}^3 \end{aligned}$$

2.



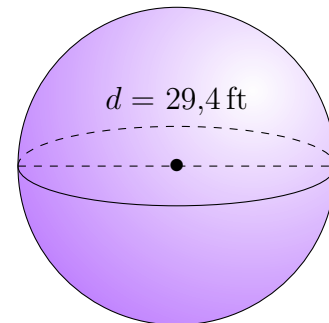
$$\begin{aligned} \text{Aire: } & 6305,3 \text{ m}^2 \\ \text{Volume: } & 47.079,6 \text{ m}^3 \end{aligned}$$

3.



$$\begin{aligned} \text{Aire: } & 1932,2 \text{ hm}^2 \\ \text{Volume: } & 7986,4 \text{ hm}^3 \end{aligned}$$

4.



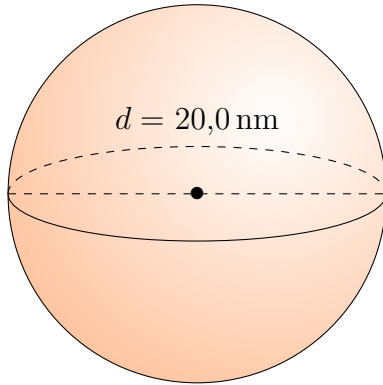
$$\begin{aligned} \text{Aire: } & 2715,5 \text{ ft}^2 \\ \text{Volume: } & 13.305,8 \text{ ft}^3 \end{aligned}$$

Aire et Volume des Sphères (J)

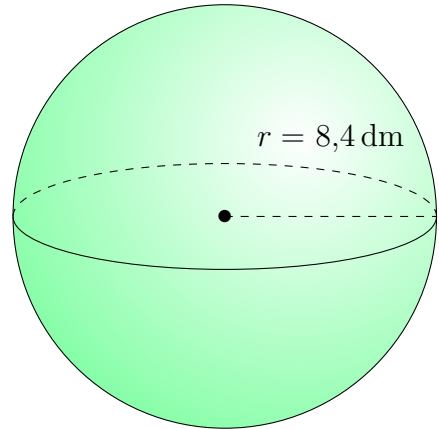
Calculez l'aire et le volume de chaque sphère.

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

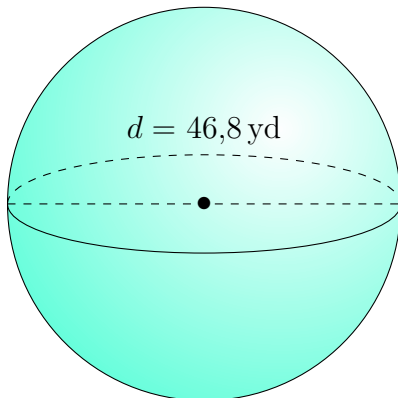
1.



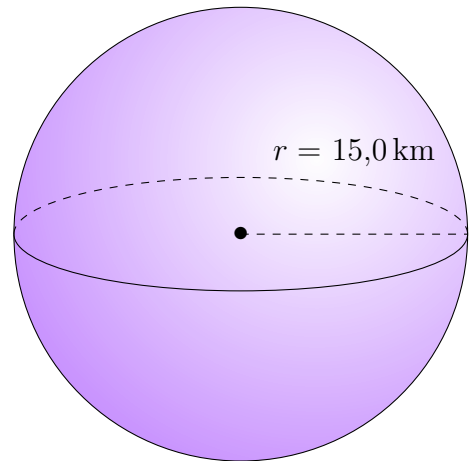
2.



3.



4.

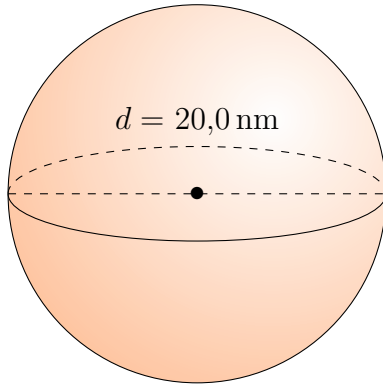


Aire et Volume des Sphères (J) Réponses

Calculez l'aire et le volume de chaque sphère.

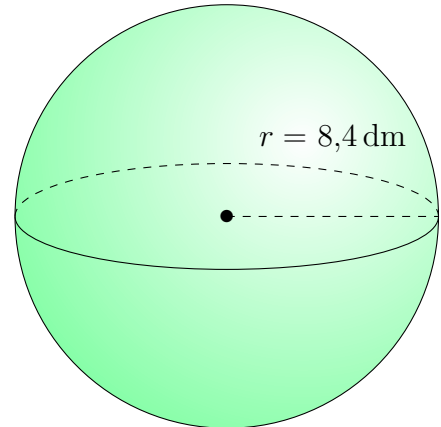
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



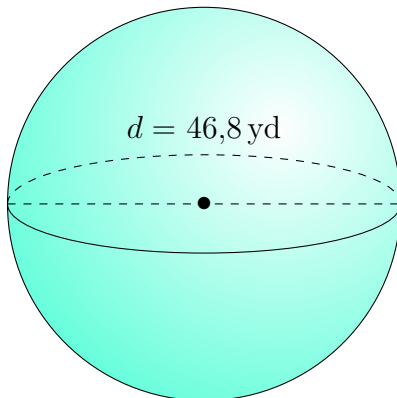
Aire: $1256,6 \text{ nm}^2$
Volume: $4188,8 \text{ nm}^3$

2.



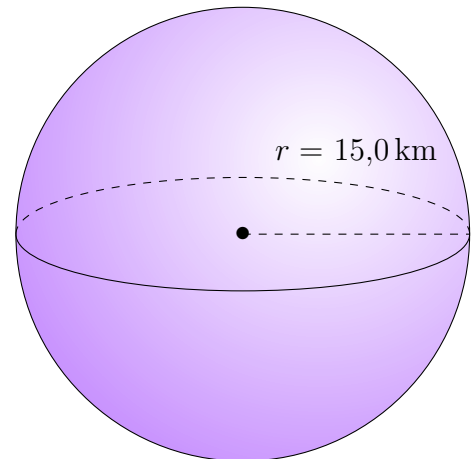
Aire: $886,7 \text{ dm}^2$
Volume: $2482,7 \text{ dm}^3$

3.



Aire: $6880,8 \text{ yd}^2$
Volume: $53.670,6 \text{ yd}^3$

4.



Aire: $2827,4 \text{ km}^2$
Volume: $14.137,2 \text{ km}^3$