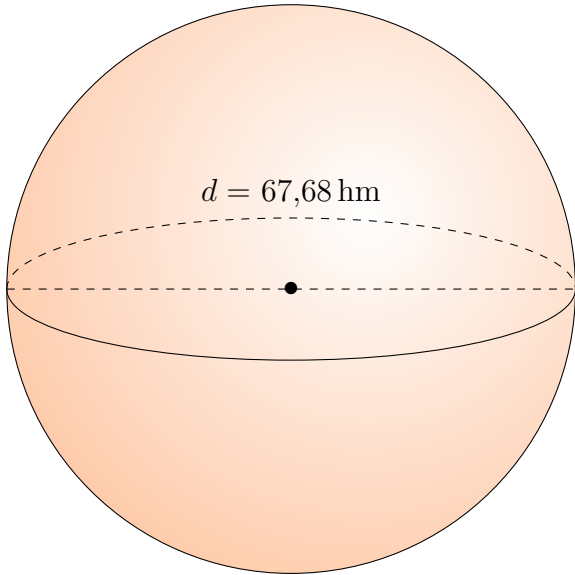


# Aire et Volume des Sphères (E)

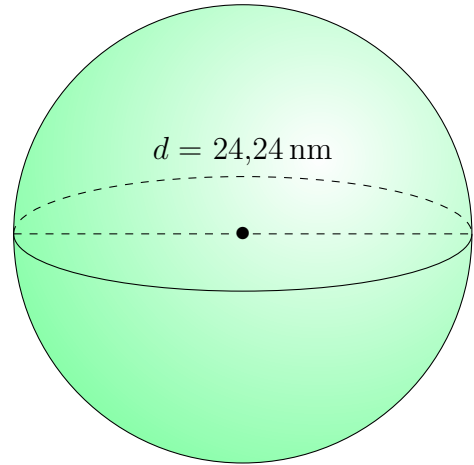
Calculez l'aire et le volume de chaque sphère.

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

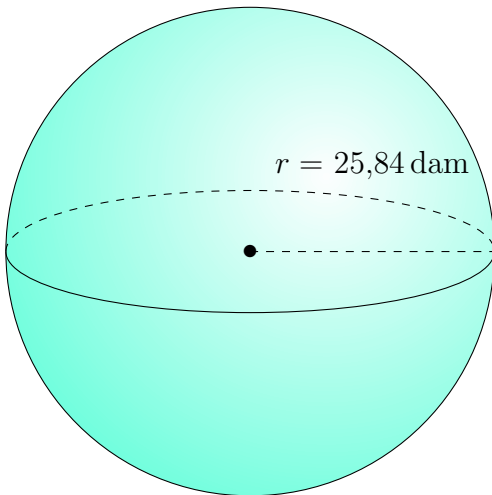
1.



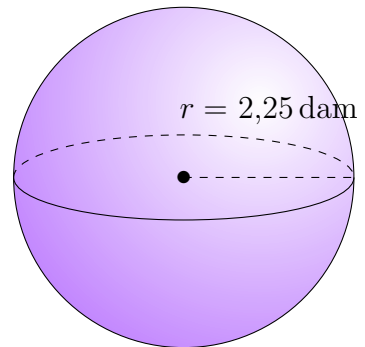
2.



3.



4.

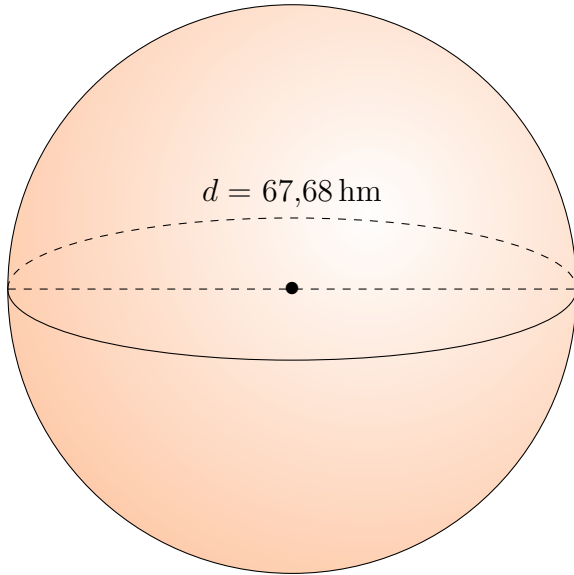


# Aire et Volume des Sphères (E) Réponses

Calculez l'aire et le volume de chaque sphère.

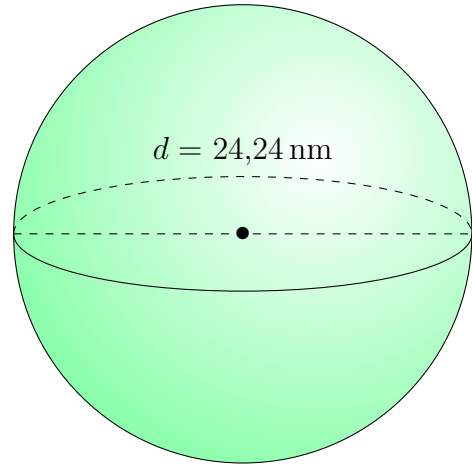
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



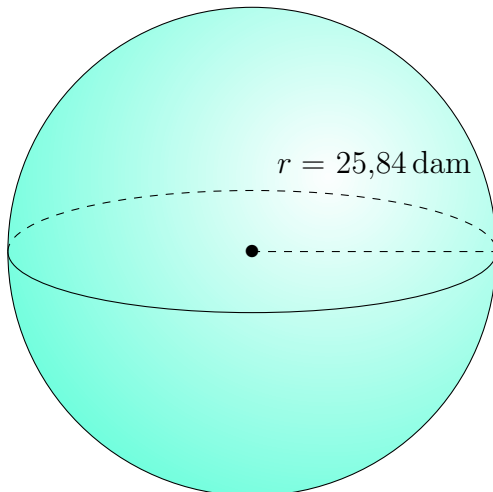
$$\begin{aligned} \text{Aire: } & 14.390,32 \text{ hm}^2 \\ \text{Volume: } & 162.322,85 \text{ hm}^3 \end{aligned}$$

2.



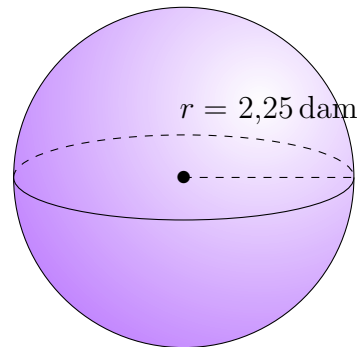
$$\begin{aligned} \text{Aire: } & 1845,93 \text{ nm}^2 \\ \text{Volume: } & 7457,56 \text{ nm}^3 \end{aligned}$$

3.



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

4.



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