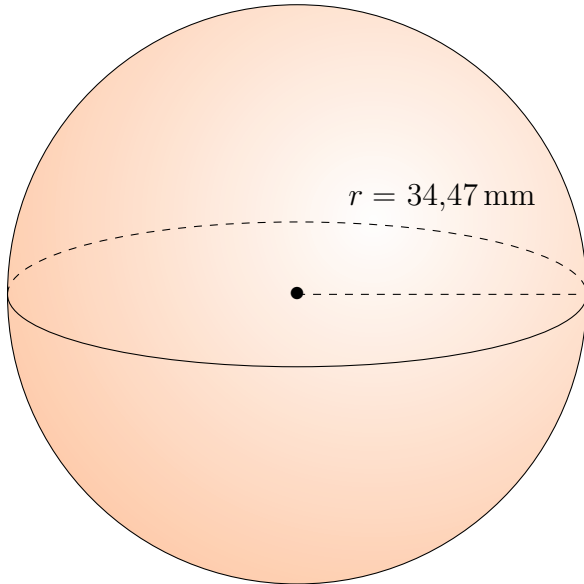


Aire et Volume des Sphères (E)

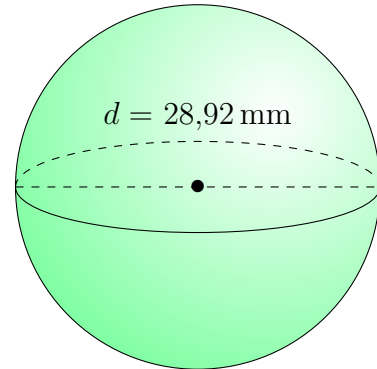
Calculez l'aire et le volume de chaque sphère.

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

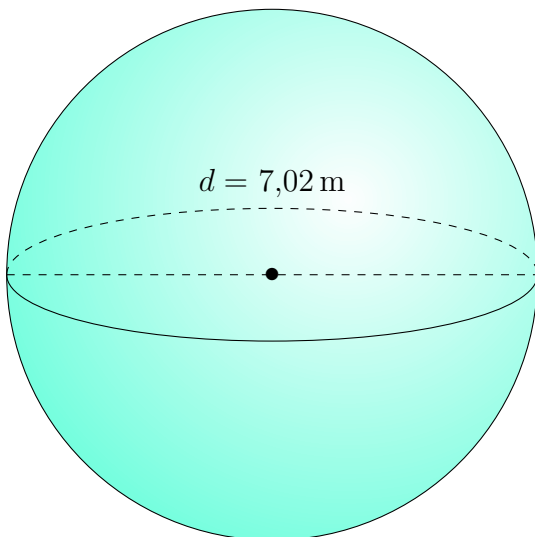
1.



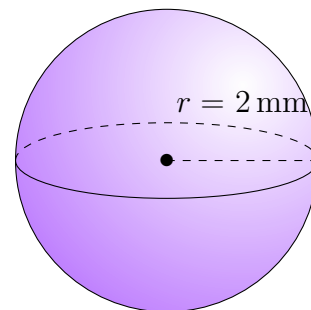
2.



3.



4.

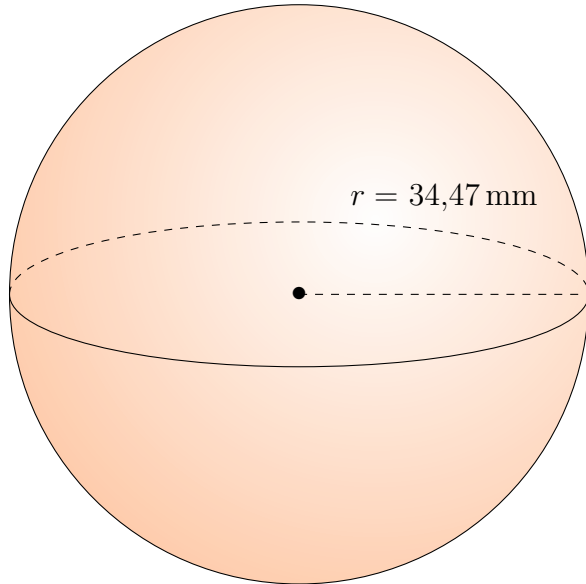


Aire et Volume des Sphères (E) Réponses

Calculez l'aire et le volume de chaque sphère.

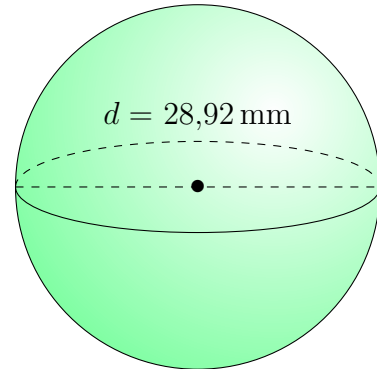
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



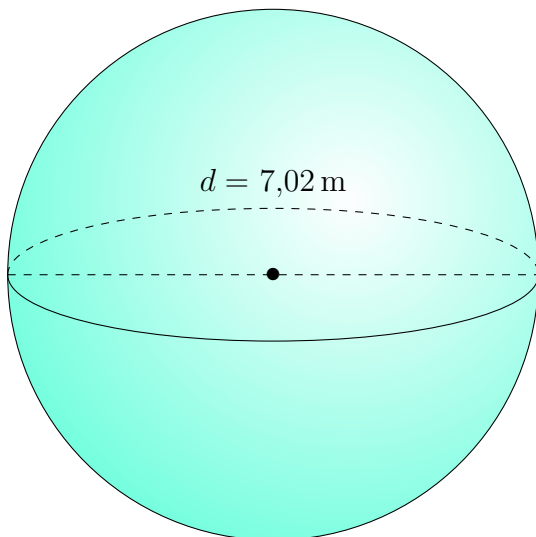
$$\begin{aligned} \text{Aire: } & 14.931,12 \text{ mm}^2 \\ \text{Volume: } & 171.558,59 \text{ mm}^3 \end{aligned}$$

2.



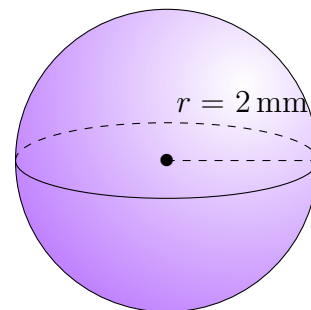
$$\begin{aligned} \text{Aire: } & 2627,52 \text{ mm}^2 \\ \text{Volume: } & 12.664,66 \text{ mm}^3 \end{aligned}$$

3.



$$\begin{aligned} \text{Aire: } & 154,82 \text{ m}^2 \\ \text{Volume: } & 181,14 \text{ m}^3 \end{aligned}$$

4.



$$\begin{aligned} \text{Aire: } & 50 \text{ mm}^2 \\ \text{Volume: } & 34 \text{ mm}^3 \end{aligned}$$