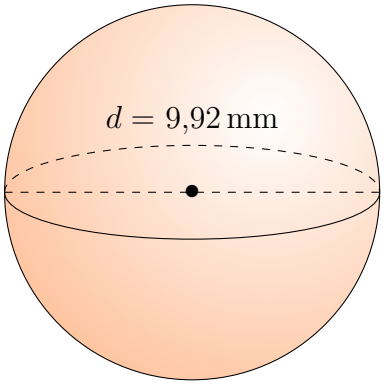
# Aire et Volume des Sphères (I)

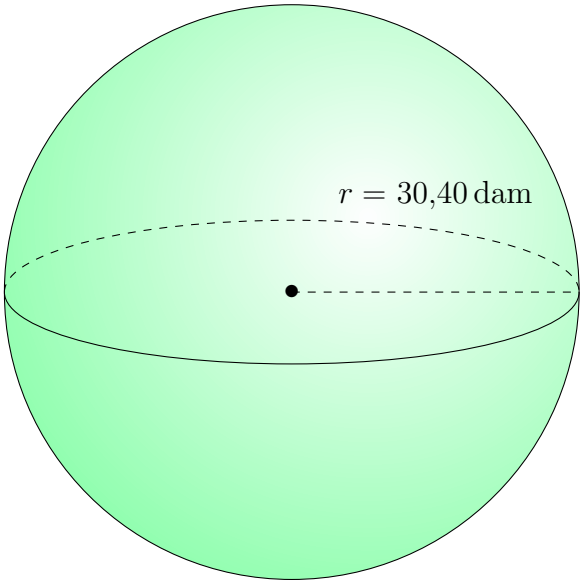
Calculez l'aire et le volume de chaque sphère.

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

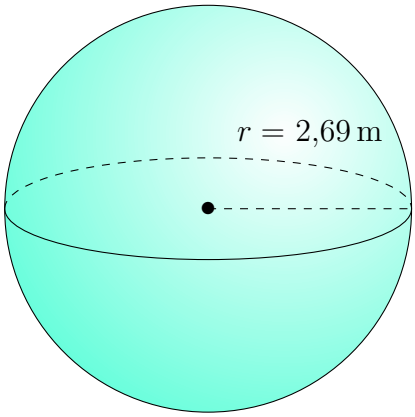
1.



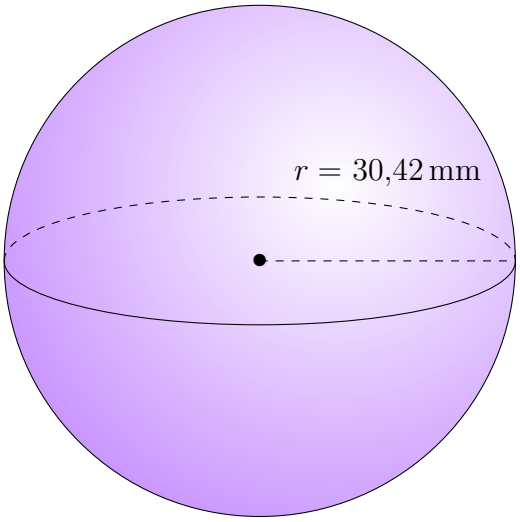

2.




3.




4.

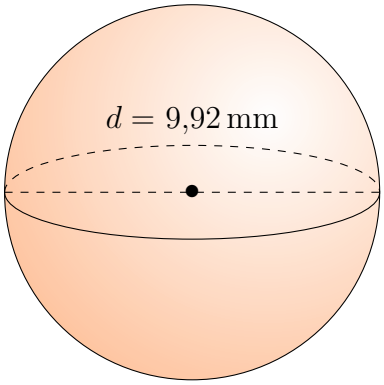


# Aire et Volume des Sphères (I) Réponses

Calculez l'aire et le volume de chaque sphère.

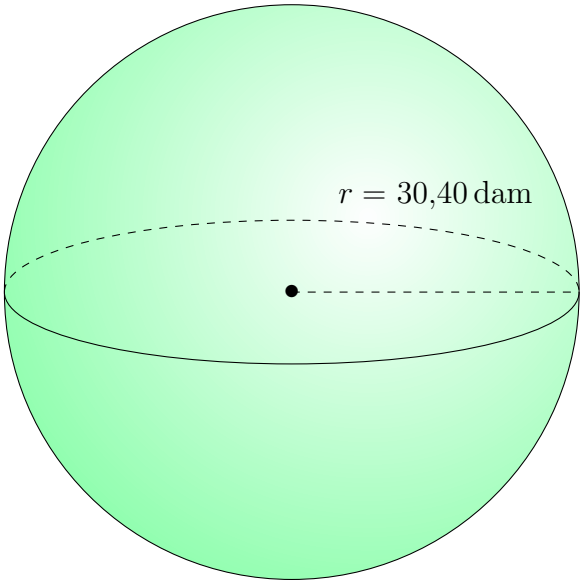
$$\text{Aire} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



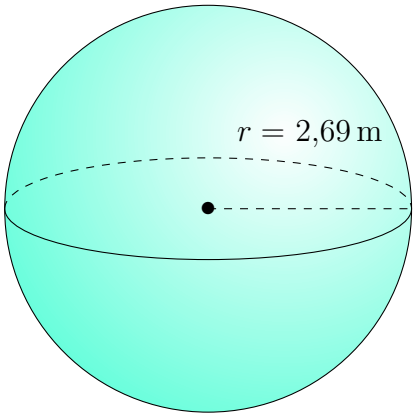

Aire: $309{,}15\,\text{mm}^2$
Volume: $511{,}13\,\text{mm}^3$

2.



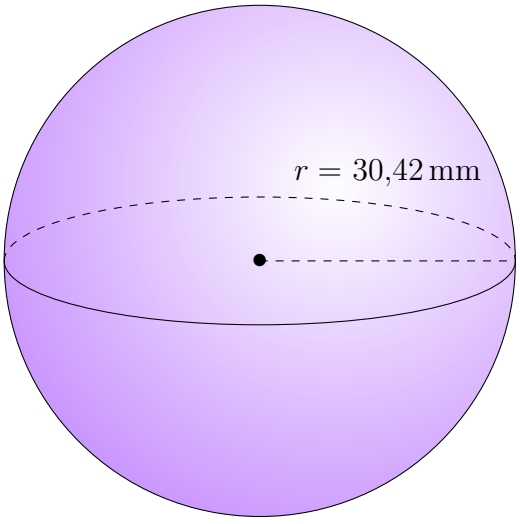

Aire: $11.613{,}34\,\text{dam}^2$
Volume: $117.681{,}82\,\text{dam}^3$

3.




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

4.




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