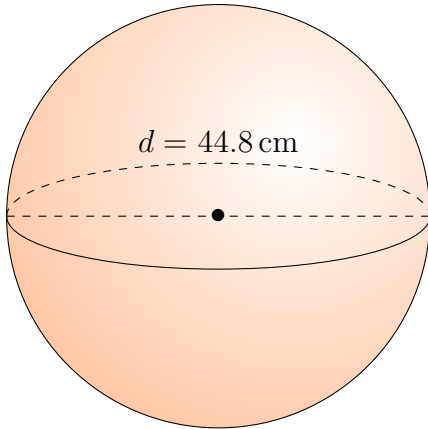


Surface Area and Volume of Spheres (D)

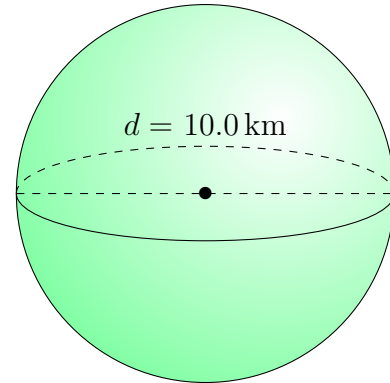
Calculate the surface area and volume for each sphere.

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

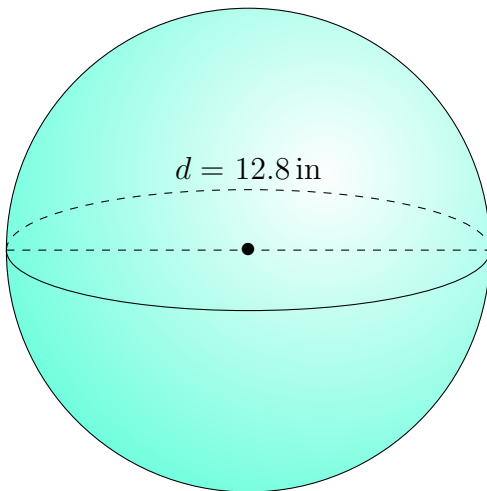
1.



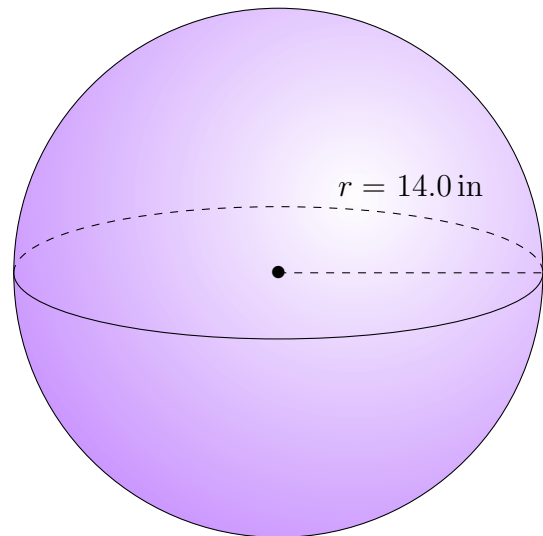
2.



3.



4.

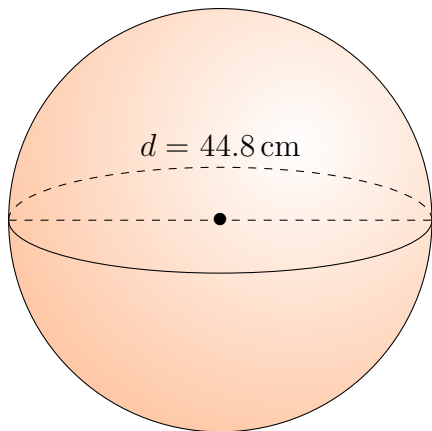


Surface Area and Volume of Spheres (D) Answers

Calculate the surface area and volume for each sphere.

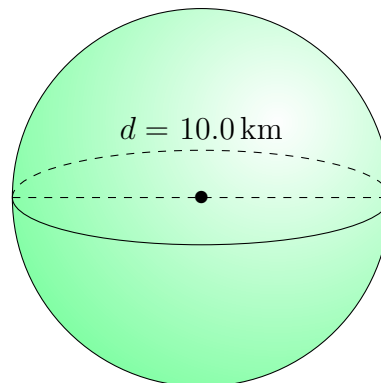
$$\text{Surface Area} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



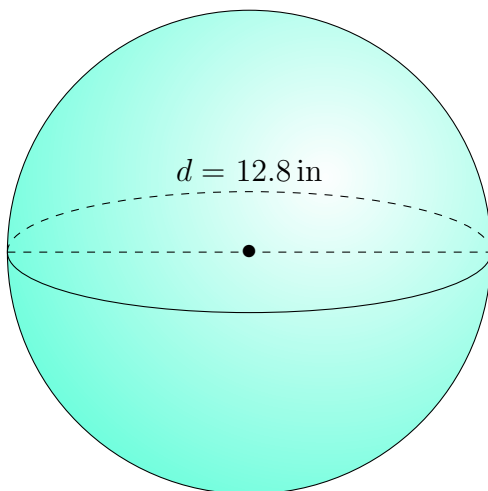
Surface Area: 6305.3 cm^2
Volume: $47,079.6 \text{ cm}^3$

2.



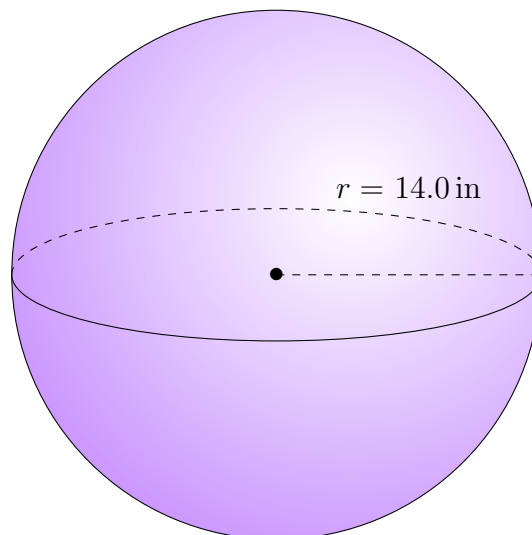
Surface Area: 314.2 km^2
Volume: 523.6 km^3

3.



Surface Area: 514.7 in^2
Volume: 1098.1 in^3

4.



Surface Area: 2463.0 in^2
Volume: $11,494.0 \text{ in}^3$