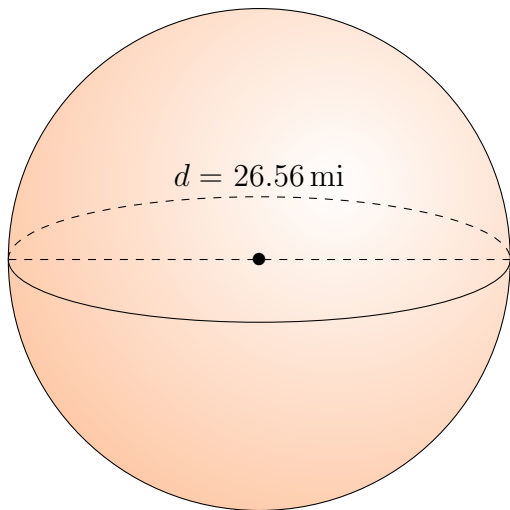


Surface Area and Volume of Spheres (E)

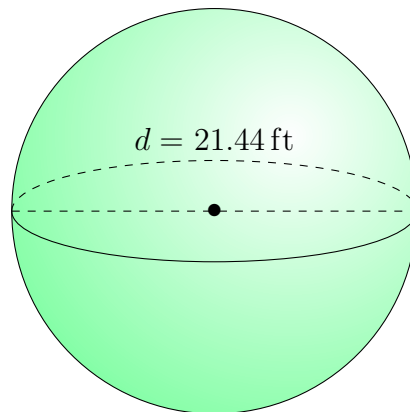
Calculate the surface area and volume for each sphere.

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

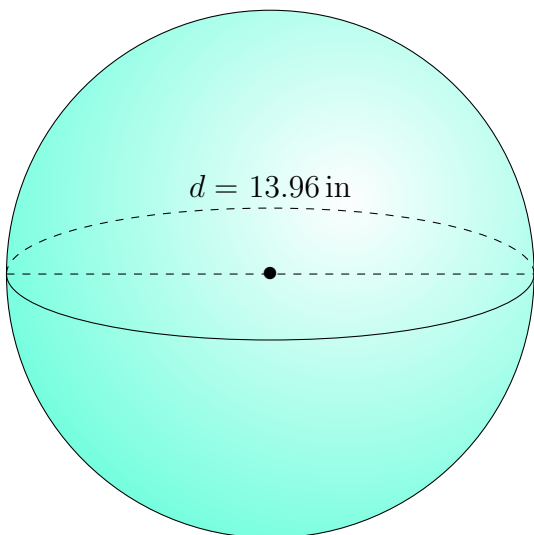
1.



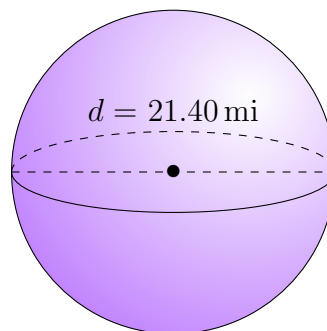
2.



3.



4.

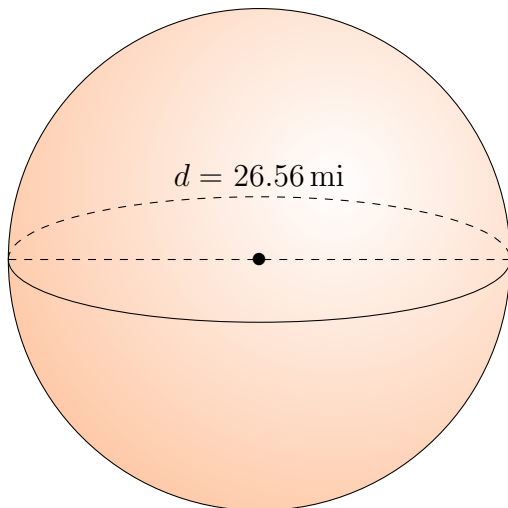


Surface Area and Volume of Spheres (E) Answers

Calculate the surface area and volume for each sphere.

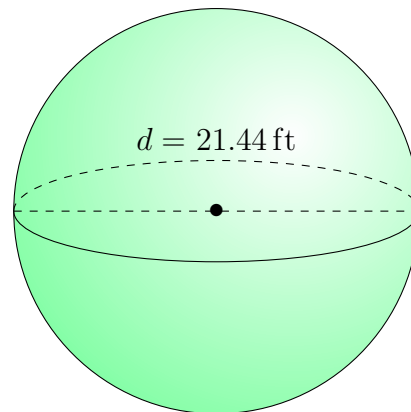
$$\text{Surface Area} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



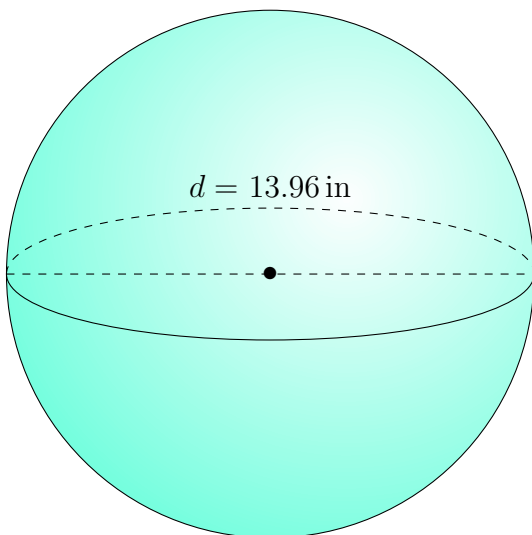
Surface Area: 2216.19 mi^2
Volume: 9810.31 mi^3

2.



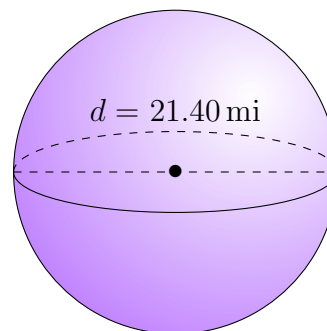
Surface Area: 1444.11 ft^2
Volume: 5160.28 ft^3

3.



Surface Area: 612.24 in^2
Volume: 1424.48 in^3

4.



Surface Area: 1438.72 mi^2
Volume: 5131.45 mi^3