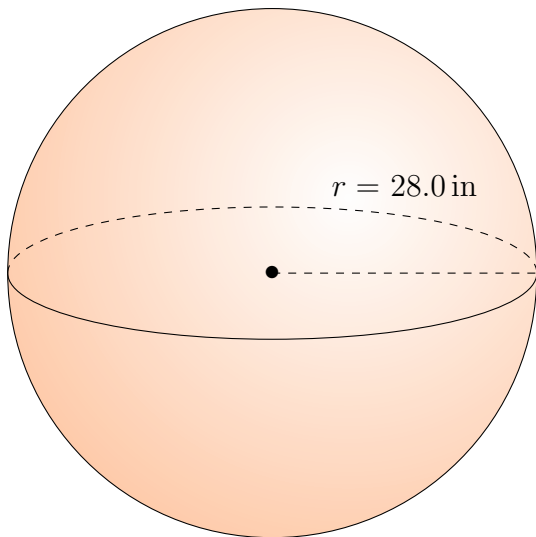


Surface Area and Volume of Spheres (H)

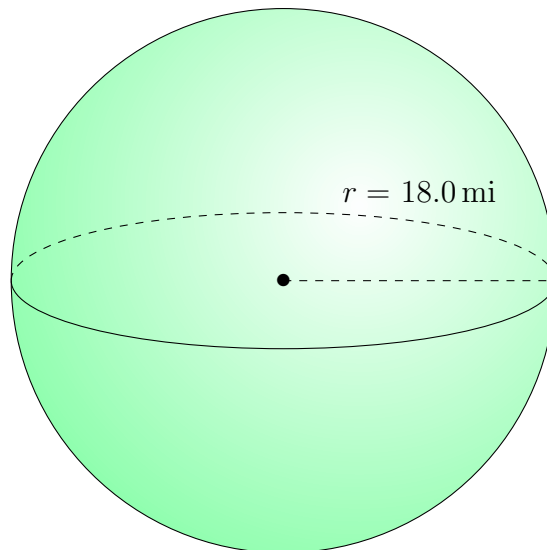
Calculate the surface area and volume for each sphere.

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

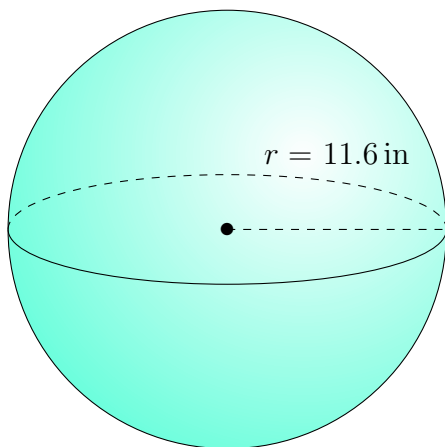
1.



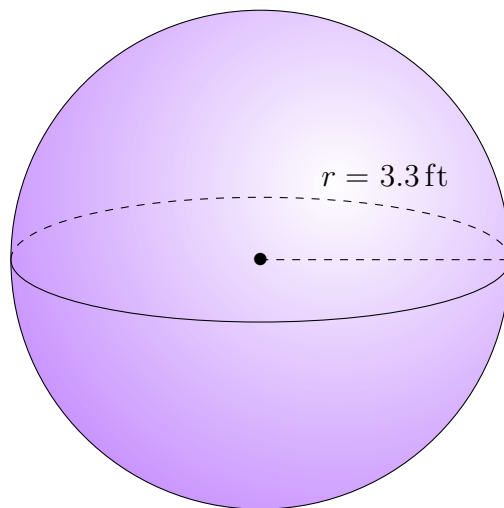
2.



3.



4.

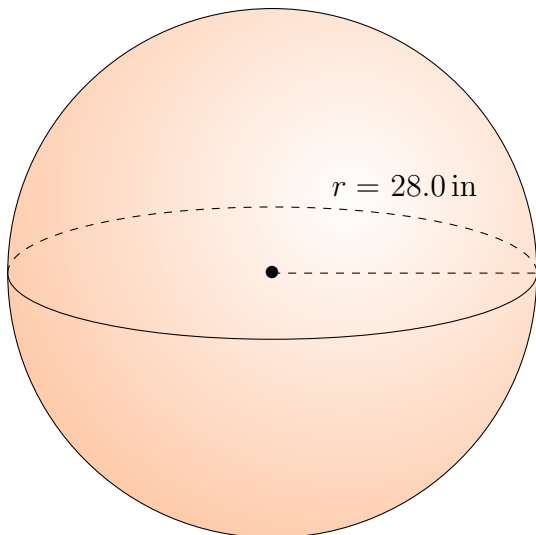


Surface Area and Volume of Spheres (H) Answers

Calculate the surface area and volume for each sphere.

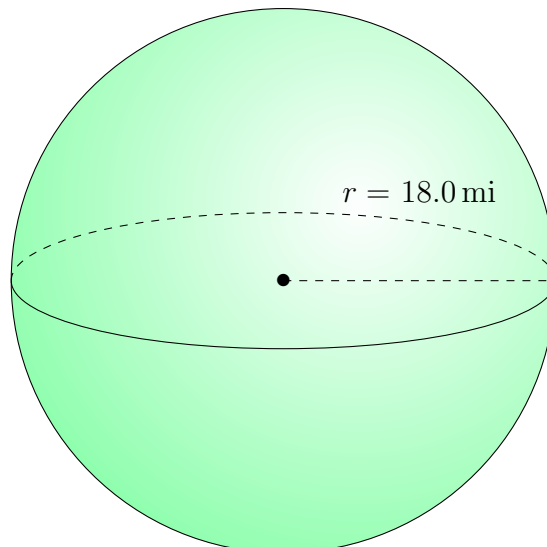
$$\text{Surface Area} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



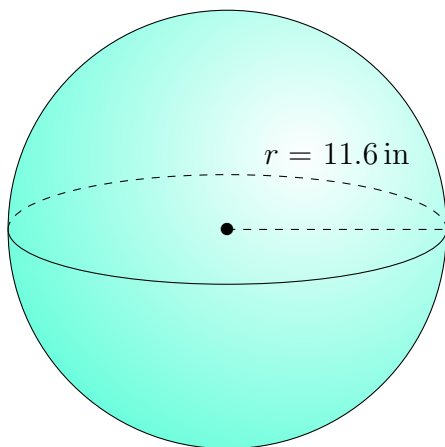
Surface Area: 9852.0 in^2
Volume: $91,952.3 \text{ in}^3$

2.



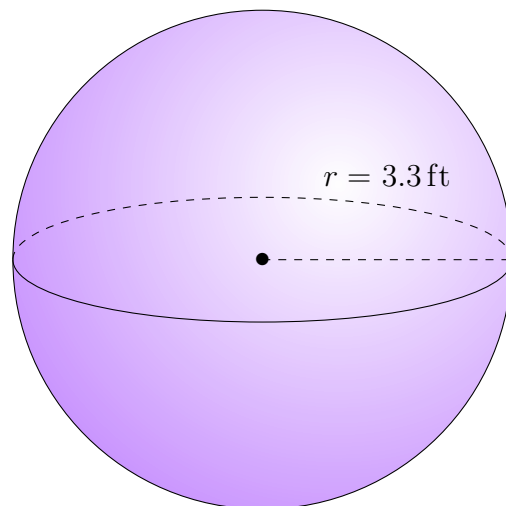
Surface Area: 4071.5 mi^2
Volume: $24,429.0 \text{ mi}^3$

3.



Surface Area: 1690.9 in^2
Volume: 6538.3 in^3

4.



Surface Area: 136.8 ft^2
Volume: 150.5 ft^3