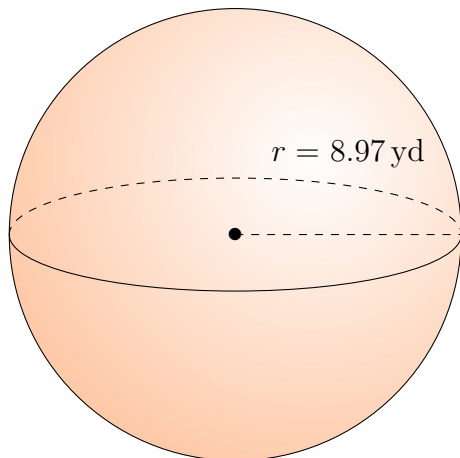


Surface Area and Volume of Spheres (G)

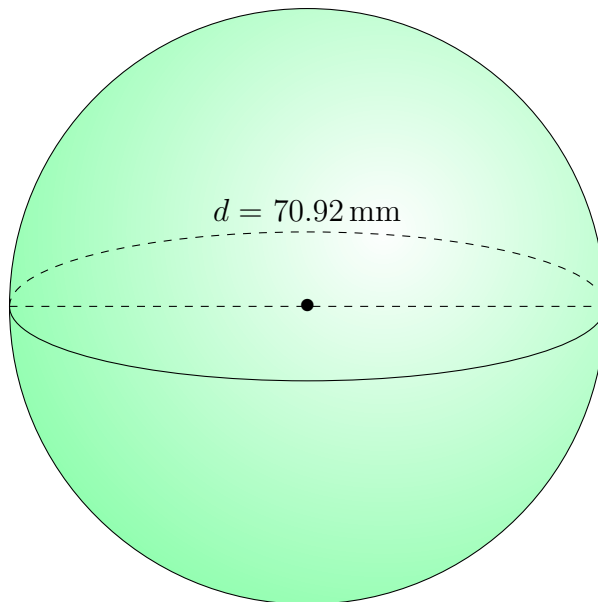
Calculate the surface area and volume for each sphere.

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

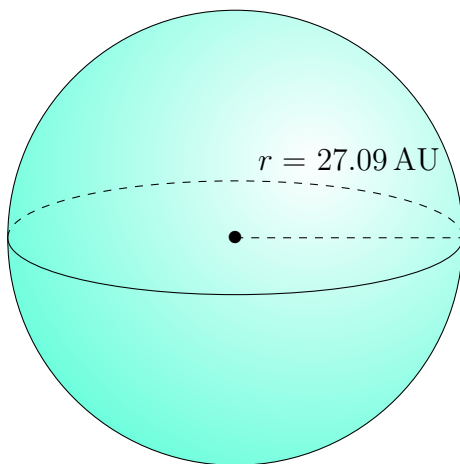
1.



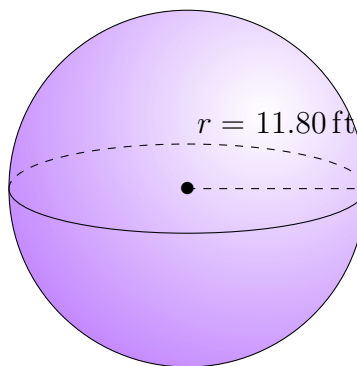
2.



3.



4.

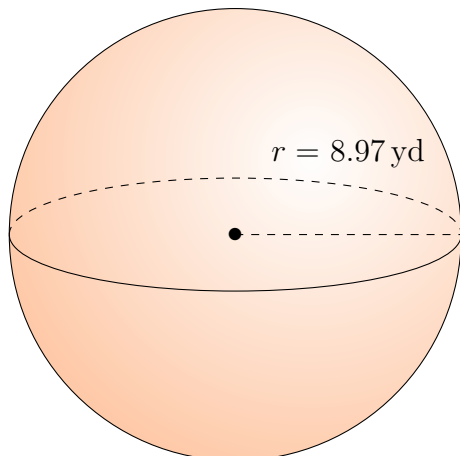


Surface Area and Volume of Spheres (G) Answers

Calculate the surface area and volume for each sphere.

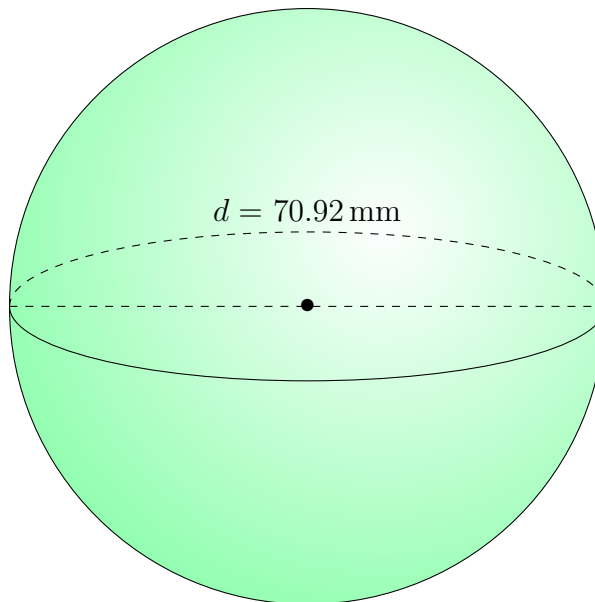
$$\text{Surface Area} = 4\pi r^2 \quad \text{Volume} = \frac{4}{3}\pi r^3$$

1.



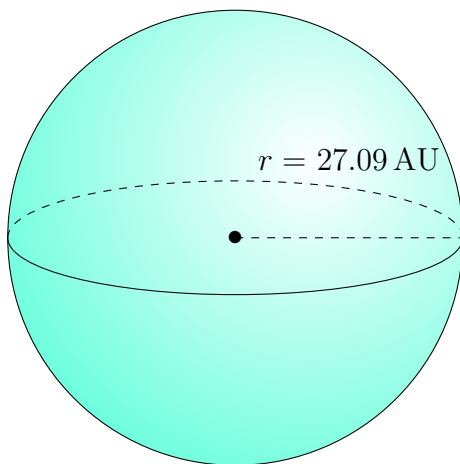
Surface Area: 1011.10 yd^2
Volume: 3023.19 yd^3

2.



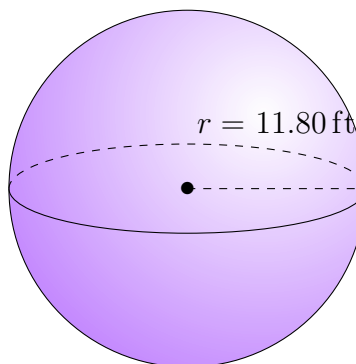
Surface Area: $15,801.10 \text{ mm}^2$
Volume: $186,769.00 \text{ mm}^3$

3.



Surface Area: 9222.06 AU^2
Volume: $83,275.19 \text{ AU}^3$

4.



Surface Area: 1749.74 ft^2
Volume: 6882.32 ft^3