

Name: \_\_\_\_\_

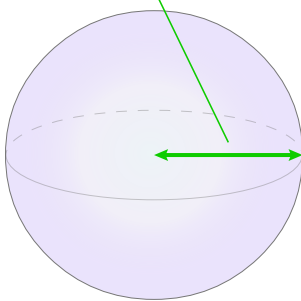
Date: \_\_\_\_\_

# Volume of a Sphere

Calculate the volume of each sphere using the formula

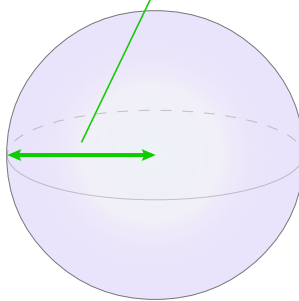
$$V = \frac{4}{3}\pi r^3$$

6 cm.



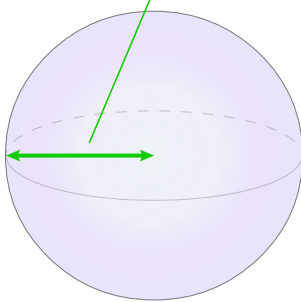
904.78 cubic cm

10 in.



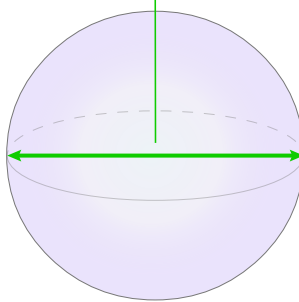
4188.79 cubic in

3.5 cm.



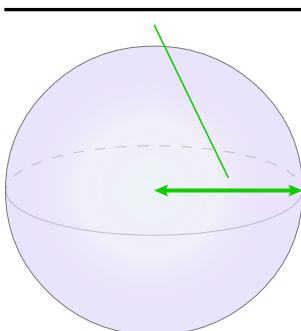
179.59 cubic cm

14 in.



11494.04 cubic in

Calculating the volume  
of a sphere:



With the volume of \_\_\_\_\_,  
what is the radius of  
the sphere?