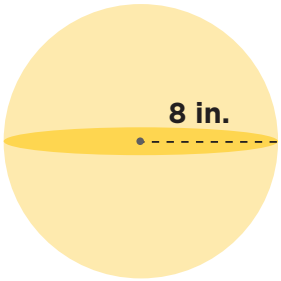
Name ANSWER KEY Date

FINDING THE VOLUME OF SPHERES

You can find the volume of a sphere using the formula $V = \frac{4}{3}\pi r^3$, where r is the radius of the sphere.

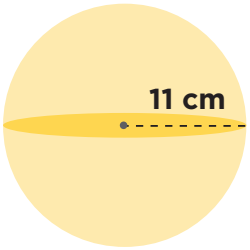
Try it! Find the volume of each sphere. Use **3.14** for **π**, and round your final answer to the nearest hundredth if needed.

1.



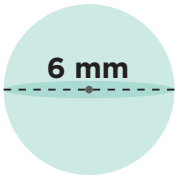
$V \approx$ 2,143.57 in.^{3}

2.



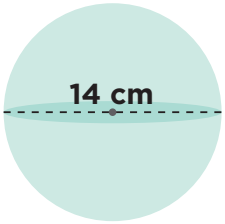
$V \approx$ 5,572.45 cm^3

3.



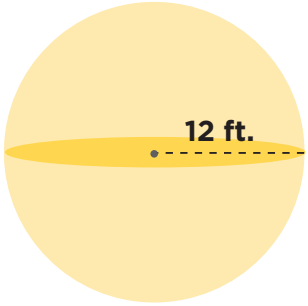
$V \approx$ 113.04 mm^3

4.



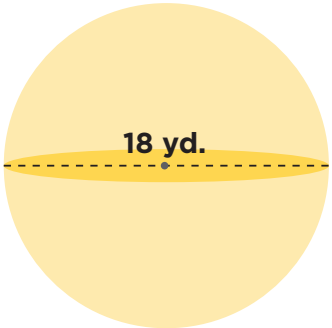
$V \approx$ 1,436.03 cm^3

5.



$V \approx$ 7,234.56 ft.^{3}

6.



$V \approx$ 3,052.08 yd.^{3}