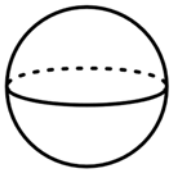
Name _____

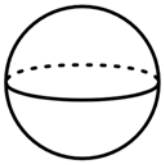
Volume of Spheres

A **sphere** is a perfectly round 3D shape - every point on its surface is the same distance from the center. To find how much space it takes up (its **volume**), use:

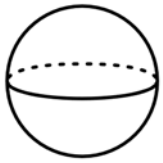
$V = \frac{4}{3} \pi r^3$ r = radius of the sphere and $\pi \approx 3.14$

1) 

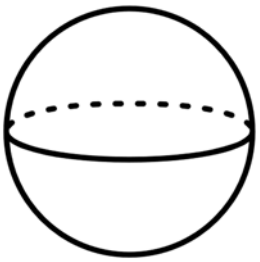
r = 12 cm

2) 

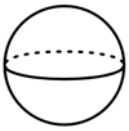
r = 4 in

3) 

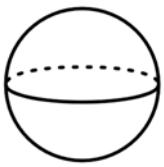
r = 9 cm

4) 

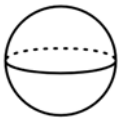
r = 6 m

5) 

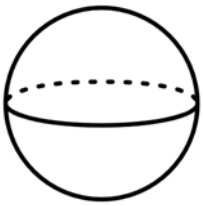
r = 3 cm

6) 

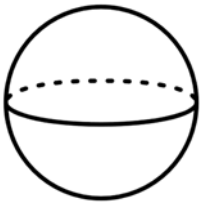
r = 8 cm

7) 

r = 5.5 cm

8) 

r = 10 cm

9) 

r = 7 in

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