

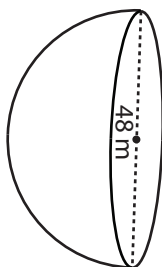
Name : _____

Score : _____

Volume - Sphere & Hemisphere

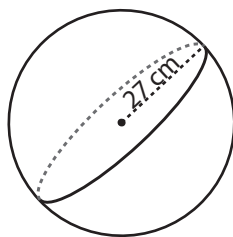
Find the exact volume of each shape.

1)



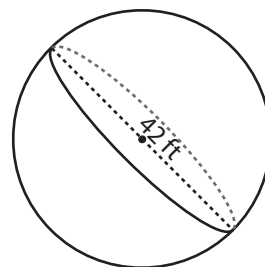
Volume = _____

2)



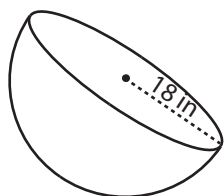
Volume = _____

3)



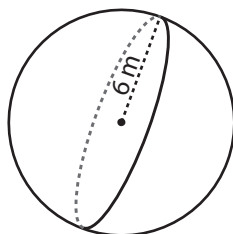
Volume = _____

4)



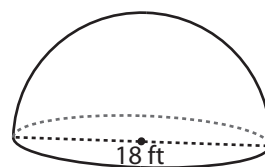
Volume = _____

5)



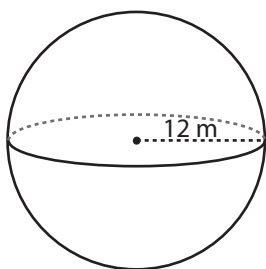
Volume = _____

6)



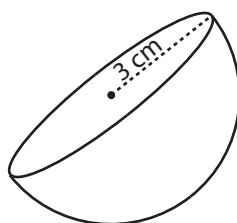
Volume = _____

7)



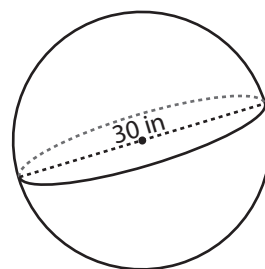
Volume = _____

8)



Volume = _____

9)



Volume = _____

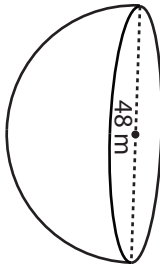
10) Find the volume of air in a beach ball that has a diameter of 18 centimeter.

Volume = _____

Answer Key

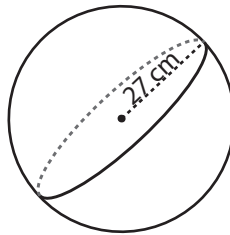
Find the exact volume of each shape.

1)



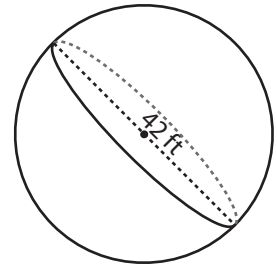
Volume = $9216\pi \text{ m}^3$

2)



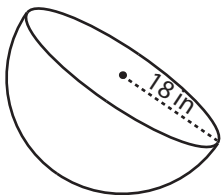
Volume = $26244\pi \text{ cm}^3$

3)



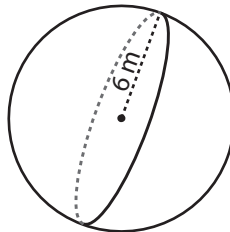
Volume = $12348\pi \text{ ft}^3$

4)



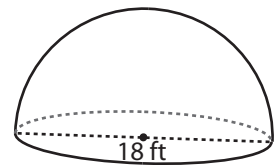
Volume = $3888\pi \text{ m}^3$

5)



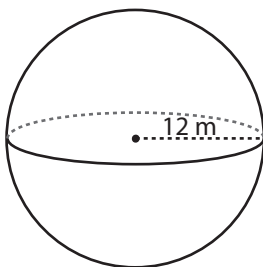
Volume = $288\pi \text{ m}^3$

6)



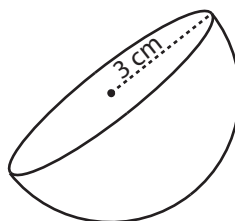
Volume = $486\pi \text{ ft}^3$

7)



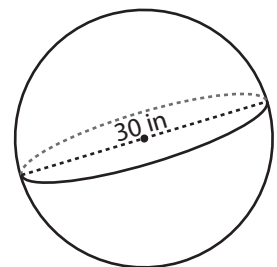
Volume = $2304\pi \text{ m}^3$

8)



Volume = $18\pi \text{ cm}^3$

9)



Volume = $4500\pi \text{ in}^3$

10) Find the volume of air in a beach ball that has a diameter of 18 centimeter.

Volume = $972\pi \text{ cm}^3$