

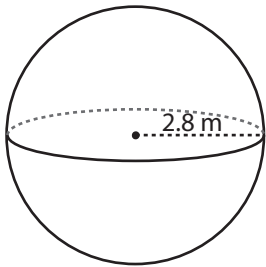
Name : \_\_\_\_\_

Score : \_\_\_\_\_

### Volume - Sphere & Hemisphere

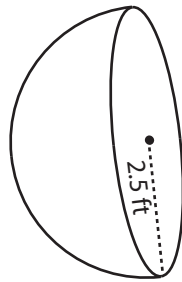
Find the volume of each shape. Round the answer to two decimal places. ( use  $\pi = 3.14$  )

1)



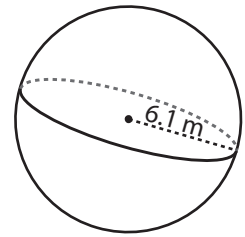
Volume = \_\_\_\_\_

2)



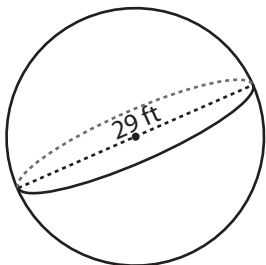
Volume = \_\_\_\_\_

3)



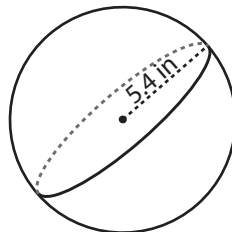
Volume = \_\_\_\_\_

4)



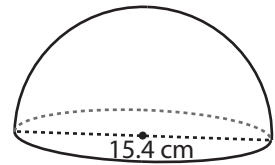
Volume = \_\_\_\_\_

5)



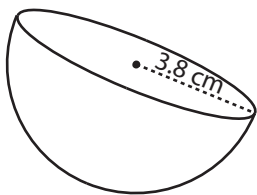
Volume = \_\_\_\_\_

6)



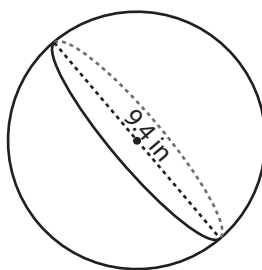
Volume = \_\_\_\_\_

7)



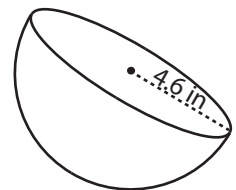
Volume = \_\_\_\_\_

8)



Volume = \_\_\_\_\_

9)



Volume = \_\_\_\_\_

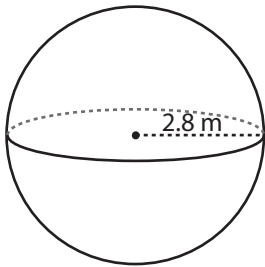
10) A capsule in the shape of a sphere has a diameter of 3.7 millimeter. Find the volume of the capsule?

Volume = \_\_\_\_\_

**Answer Key**

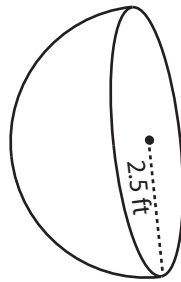
Find the volume of each shape. Round the answer to two decimal places. ( use  $\pi = 3.14$  )

1)



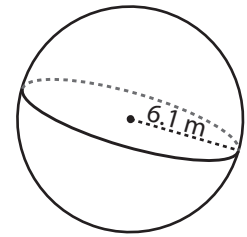
Volume = 91.91 m<sup>3</sup>

2)



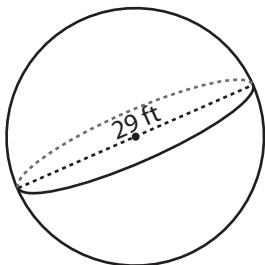
Volume = 32.71 ft<sup>3</sup>

3)



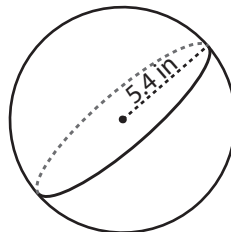
Volume = 950.29 m<sup>3</sup>

4)



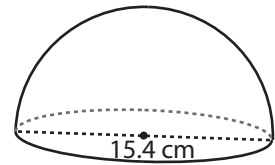
Volume = 12763.58 ft<sup>3</sup>

5)



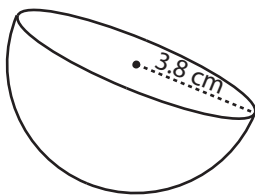
Volume = 659.25 in<sup>3</sup>

6)



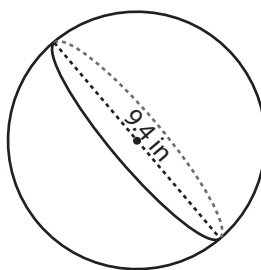
Volume = 955.68 cm<sup>3</sup>

7)



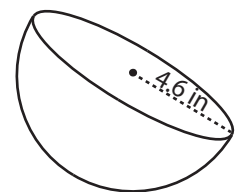
Volume = 114.87 cm<sup>3</sup>

8)



Volume = 434.67 in<sup>3</sup>

9)



Volume = 203.76 in<sup>3</sup>

10) A capsule in the shape of a sphere has a diameter of 3.7 millimeter. Find the volume of the capsule?

Volume = 26.51 mm<sup>3</sup>