

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

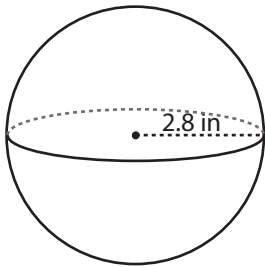
Score : \_\_\_\_\_

## Volume - Sphere & Hemisphere

MS2

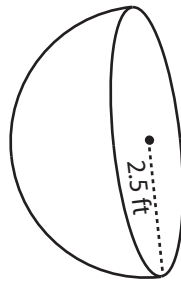
Find the volume of each shape. Round the answer to two decimal places. ( use  $\pi = 3.14$  )

1)



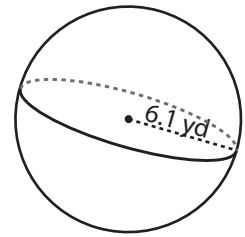
Volume = \_\_\_\_\_

2)



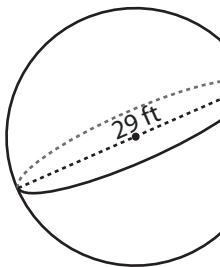
Volume = \_\_\_\_\_

3)



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

4)



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

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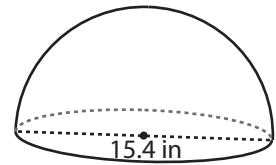
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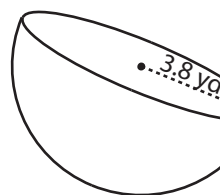
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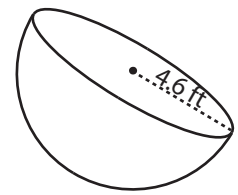


Volume = \_\_\_\_\_

7)



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



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

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

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

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

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

**Answer Key**

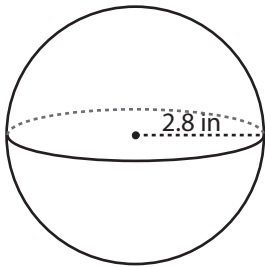
Score : \_\_\_\_\_

**Volume - Sphere & Hemisphere**

MS2

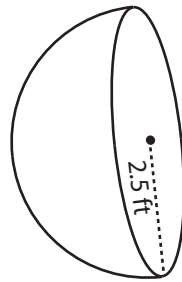
Find the volume of each shape. Round the answer to two decimal places. ( use  $\pi = 3.14$  )

1)



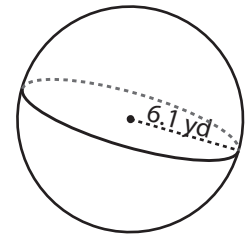
Volume = 91.91 in<sup>3</sup>

2)



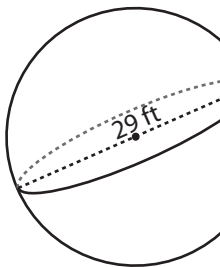
Volume = 32.71 ft<sup>3</sup>

3)



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

4)



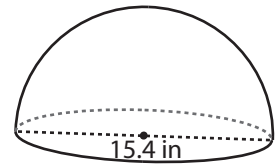
Volume = 12763.58

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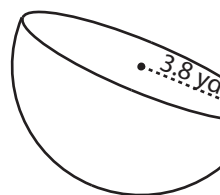
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Volume = 955.68 in<sup>3</sup>

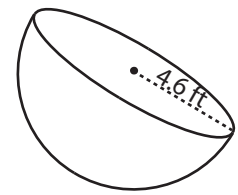
7)



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

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

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



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

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