

Name : _____

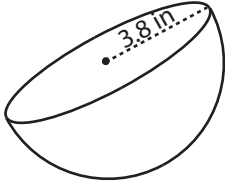
Score : _____

Volume - Sphere & Hemisphere

MS1

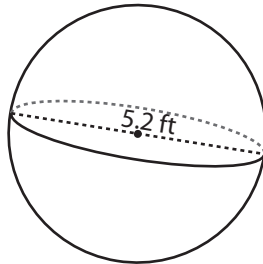
Find the volume of each shape. Round the answer to two decimal places. (use $\pi = 3.14$)

1)



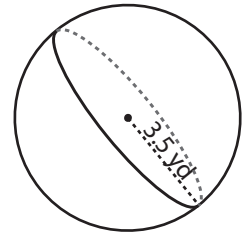
Volume = _____

2)



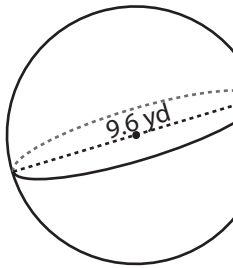
Volume = _____

3)



Volume = _____

4)



Volume = _____

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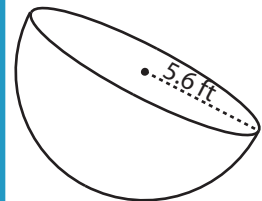
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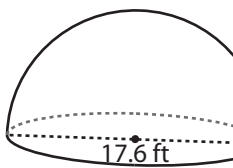
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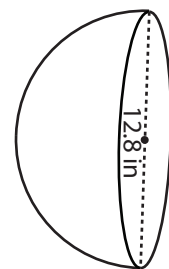


Volume = _____

7)



Volume = _____



Volume = _____

10) Find the volume of air occupied in a hemispherical dome with radius 25.3 feet.

Volume = _____

Name : _____

Answer Key

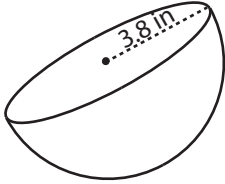
Score : _____

Volume - Sphere & Hemisphere

MS1

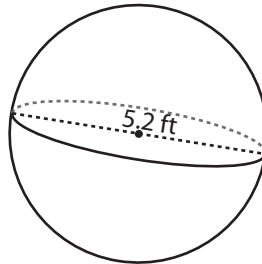
Find the volume of each shape. Round the answer to two decimal places. (use $\pi = 3.14$)

1)



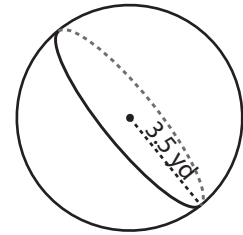
Volume = 114.87 in³

2)



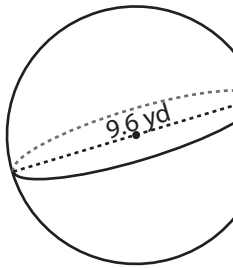
Volume = 73.58 ft³

3)



Volume = 179.5 yd³

4)



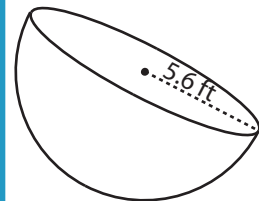
Volume = 463.01 yd³

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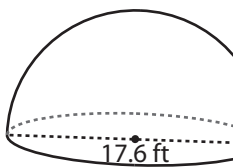
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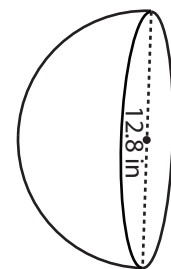
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Volume = 367.62 ft³

7)



Volume = 1426.55 ft³



Volume = 548.75 in³

10) Find the volume of air occupied in a hemispherical dome with radius 25.3 feet.

Volume = 33900.02 ft³