

Name : _____

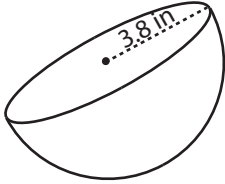
Score : _____

Volume - Sphere & Hemisphere

MS1

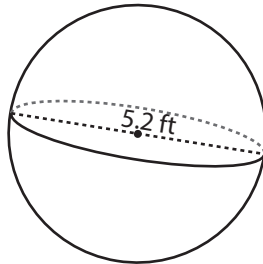
Find the volume of each shape. Round the answer to two decimal places. (use $\pi = 3.14$)

1)



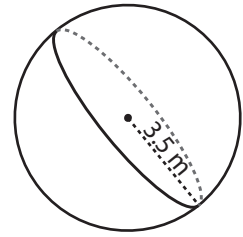
Volume = _____

2)



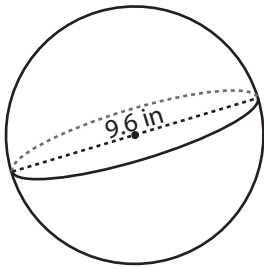
Volume = _____

3)



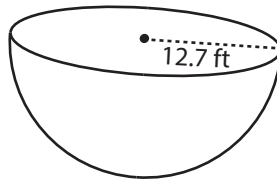
Volume = _____

4)



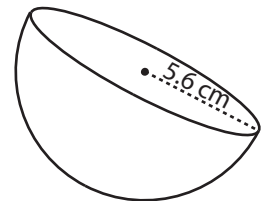
Volume = _____

5)



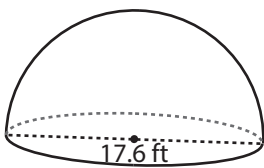
Volume = _____

6)



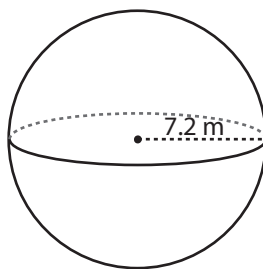
Volume = _____

7)



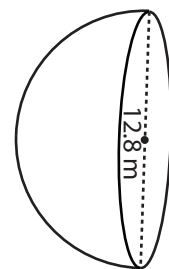
Volume = _____

8)



Volume = _____

9)



Volume = _____

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

Volume = _____

Name : _____

Answer Key

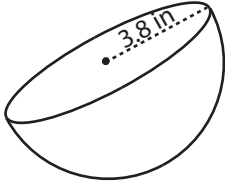
Score : _____

Volume - Sphere & Hemisphere

MS1

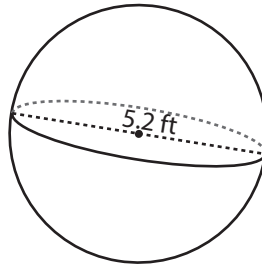
Find the volume of each shape. Round the answer to two decimal places. (use $\pi = 3.14$)

1)



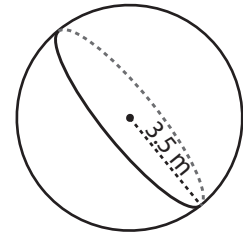
Volume = 114.87 in³

2)



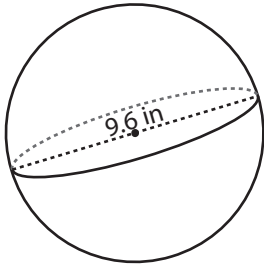
Volume = 73.58 ft³

3)



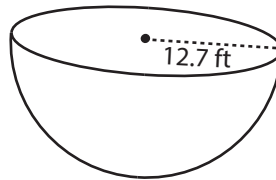
Volume = 179.5 m³

4)



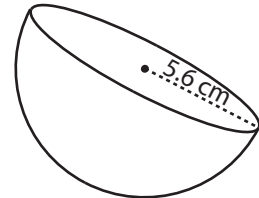
Volume = 463.01 in³

5)



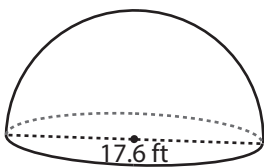
Volume = 4287.95 ft³

6)



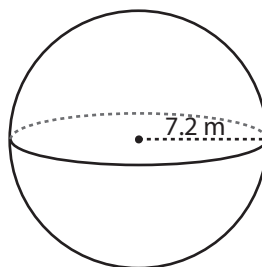
Volume = 367.62 cm³

7)



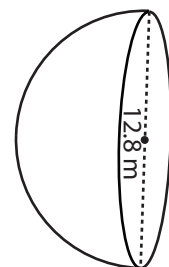
Volume = 1426.55 ft³

8)



Volume = 1562.67 m³

9)



Volume = 548.75 m³

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

Volume = 33900.02 ft³