

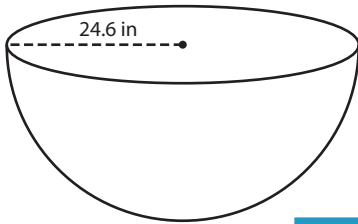
Name : \_\_\_\_\_

## Volume - Sphere and Hemisphere

Decimals: S3

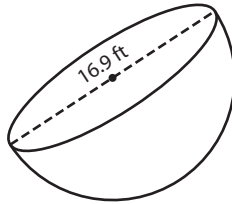
A) Find the volume of each sphere and hemisphere. Round your answer to two decimal places. (use  $\pi = 3.14$ )

1)



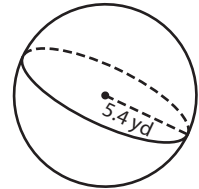
Volume = \_\_\_\_\_

2)

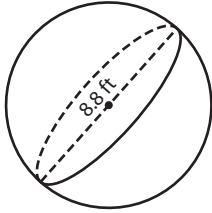


Volume = \_\_\_\_\_

3)



4)



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

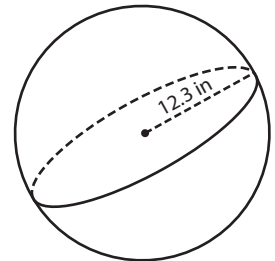
# PREVIEW

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

7) Find the volume of a sphere with a radius of 12.3 in. Round your answer to two decimal places.

Round your answer to

\_\_\_\_\_

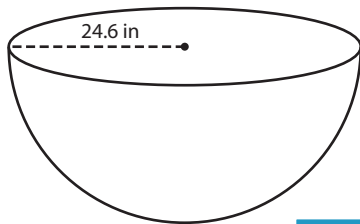
8) The radius of a sphere is 3.7 feet. Determine the volume of the sphere. Round your answer to two decimal places. (use  $\pi = 3.14$ )

\_\_\_\_\_

**Volume - Sphere and Hemisphere**

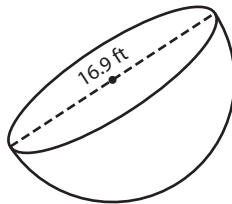
A) Find the volume of each sphere and hemisphere. Round your answer to two decimal places. (use  $\pi = 3.14$ )

1)



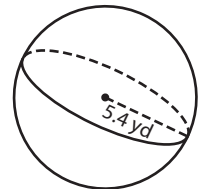
Volume = 31,163.3

2)

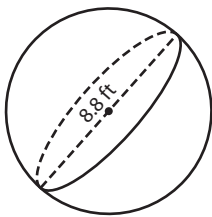


Volume = 659.25 yd<sup>3</sup>

3)



4)



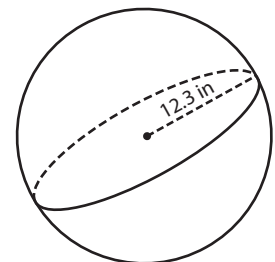
Volume = 356.64

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Volume = 7,790.83 in<sup>3</sup>

7) Find the volume of a sphere with a radius of 10.5 inches. Round your answer to two decimal places.

Round your answer to

2,254.29 cubic inches

8) The radius of a sphere is 3.7 feet. Determine the volume of the sphere. Round your answer to two decimal places. (use  $\pi = 3.14$ )

212.07 cubic feet