

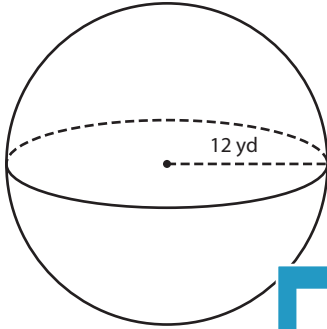
Name : _____

Volume - Sphere and Hemisphere

Integers: S3

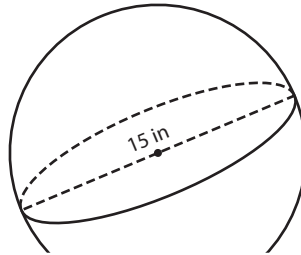
A) Find the volume of each sphere and hemisphere. Round your answer to two decimal places. (use $\pi = 3.14$)

1)



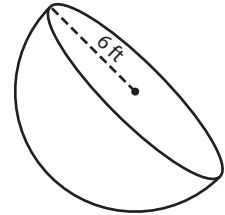
Volume = _____

2)

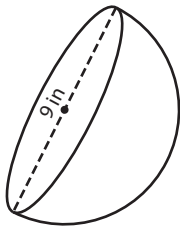


Volume = _____

3)



4)



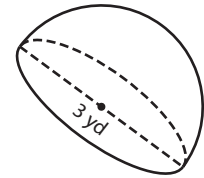
Volume = _____

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Volume = _____

7) The diameter of a hemisphere is 10 yd. Find the volume of the hemisphere. Round your answer to two decimal places.

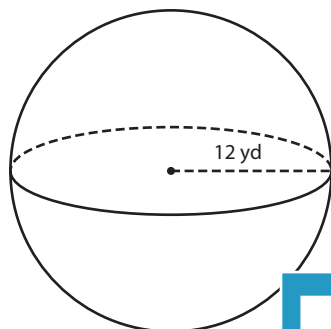
_____ hemisphere. Round your answer to two decimal places.

8) The radius of a sphere is 20 inches. Determine the volume of the sphere. Round your answer to two decimal places. (use $\pi = 3.14$)

Volume - Sphere and Hemisphere

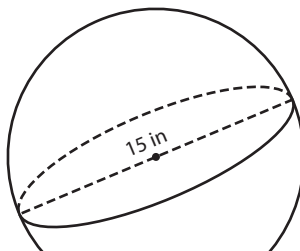
A) Find the volume of each sphere and hemisphere. Round your answer to two decimal places. (use $\pi = 3.14$)

1)



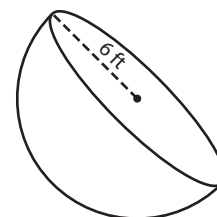
Volume = 7,234.56

2)

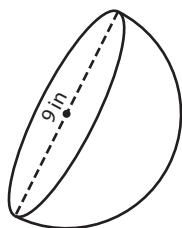


Volume = 452.16 ft³

3)



4)



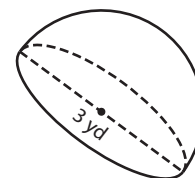
Volume = 190.76

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Volume = 7.07 yd³

7) The diameter of a hemisphere is 10 yd. Find the volume of the hemisphere. Round your answer to two decimal places.

hemisphere. Round your answer to two decimal places.

1,285.57 cubic yards

8) The radius of a sphere is 20 inches. Determine the volume of the sphere. Round your answer to two decimal places. (use $\pi = 3.14$)

33,493.33 cubic inches