

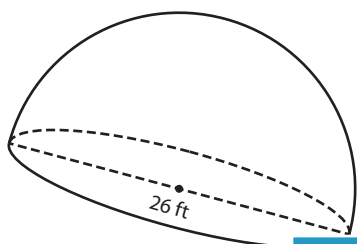
Name : \_\_\_\_\_

## Volume - Sphere and Hemisphere

Integers: S2

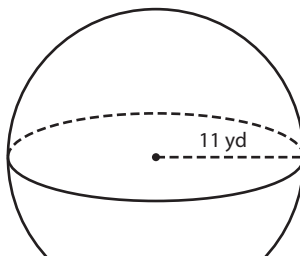
A) Find the volume of each sphere and hemisphere. Round your answer to two decimal places. (use  $\pi = 3.14$ )

1)



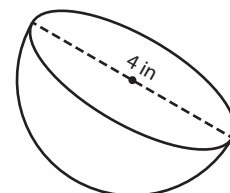
Volume = \_\_\_\_\_

2)

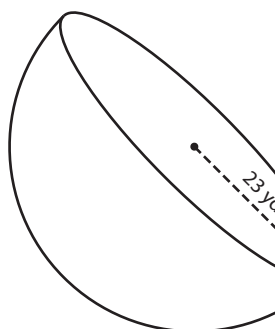


Volume = \_\_\_\_\_

3)



4)



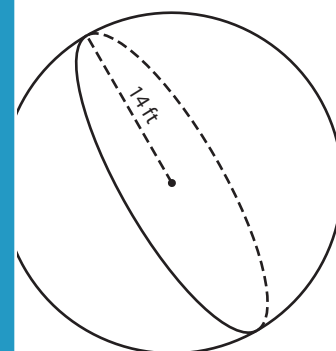
Volume = \_\_\_\_\_

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

7) The radius of a sphere is 10 yards. Find the volume of the sphere to two decimal places.

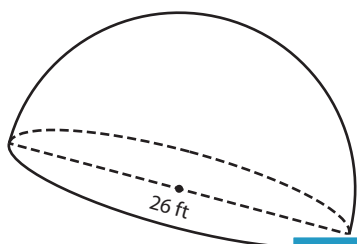
Volume = \_\_\_\_\_

8) Find the volume of a hemisphere whose diameter is 10 yards. Round your answer to two decimal places. (use  $\pi = 3.14$ )

**Volume - Sphere and Hemisphere**

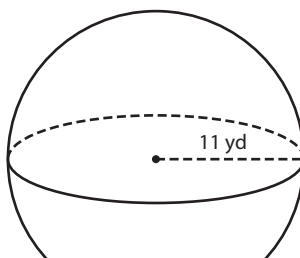
A) Find the volume of each sphere and hemisphere. Round your answer to two decimal places. (use  $\pi = 3.14$ )

1)



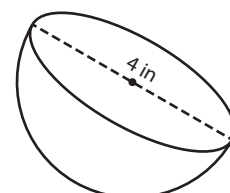
Volume = 4,599.0

2)

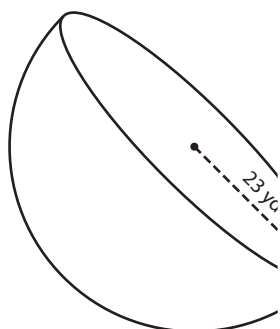


Volume = 16.75 in<sup>3</sup>

3)



4)



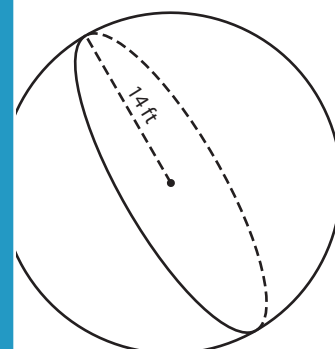
Volume = 25,469.5

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Volume = 11,488.21 ft<sup>3</sup>

7) The radius of a sphere is 14 feet. Find the volume of the sphere. Round your answer to two decimal places.

8) Find the volume of a hemisphere whose diameter is 10 yards. Round your answer to two decimal places.

1,436.03 cubic feet

8) Find the volume of a hemisphere whose diameter is 10 yards. Round your answer to two decimal places. (use  $\pi = 3.14$ )

261.67 cubic yards