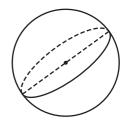
## **Volume - Sphere and Hemisphere**

L2S2

- A) Find the indicated measure. Round your answer to the nearest tenth. (use  $\pi = 3.14$ )
- 1) Volume =  $5,036.78 \text{ ft}^3$  2) Volume =  $46,944.61 \text{ yd}^3$  3) Volume =  $17.15 \text{ in}^3$







diameter =

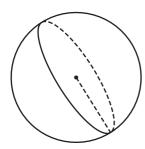
**PREVIEW** 

ameter =

 $\nu$ lume = 8,256.76 yd<sup>3</sup>

4) Volume =  $381.51 \text{ in}^3$ 

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radius =

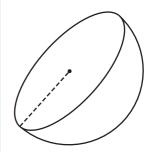
7) Find the diameter of

answer to the neare

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radius =

bic feet. Round your

8) The volume of a sphere is 83,325.18 cubic yards. Determine the radius of the sphere. Round your answer to the nearest tenth. (use  $\pi = 3.14$ )