

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

## Volume - Cylinder

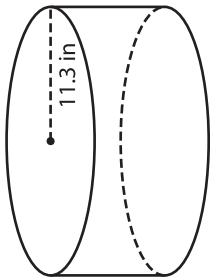
L2S2

A) Find the indicated measure. Round your answer to the nearest tenth.  
(use  $\pi = 3.14$ )

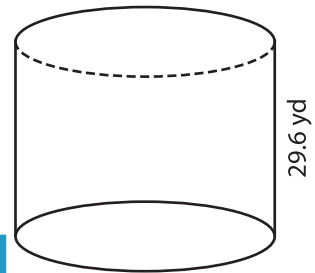
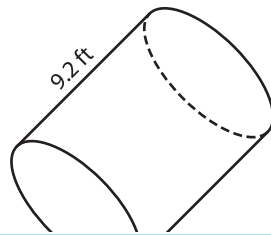
1) Volume = 2,189.25 in<sup>3</sup>

2) Volume = 538.1 ft<sup>3</sup>

3) Volume = 32,167 yd<sup>3</sup>



height = \_\_\_\_\_



diameter = \_\_\_\_\_

B) Find the indicated measure.  
(use  $\pi = 3.14$ )

4) Volume = 453.42 in<sup>3</sup>

diameter = \_\_\_\_\_

6) Volume = 827.5 yd<sup>3</sup>;

height = \_\_\_\_\_

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nearest tenth.

Volume = 1,077.07 ft<sup>3</sup>; radius = 19.1 ft

Volume = 1,750.7 in<sup>3</sup>; height = 7.5 in

radius = \_\_\_\_\_

8) Pouring 197.92 cubic inches of cement into a cylindrical mold, Ryan makes a 3-inch radius structure. Find the height of the structure. Round your answer to nearest tenth.  
(use  $\pi = 3.14$ )