

Name : _____

Volume - Cylinder

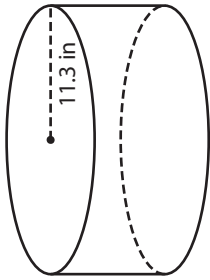
L2S2

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

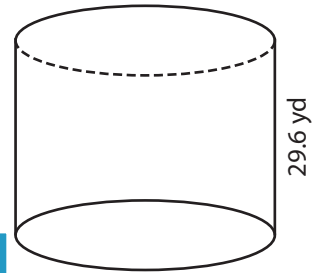
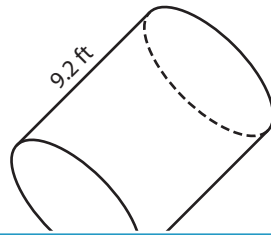
1) Volume = 2,189.25 in³

2) Volume = 538.1 ft³

3) Volume = 32,167 yd³



height = _____



diameter = _____

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

4) Volume = 453.42 in³

diameter = _____

6) Volume = 827.5 yd³;

height = _____

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

nearest tenth.

Volume = 1,077.07 ft³; radius = 19.1 ft

Volume = 1,715.7 in³; 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 $\pi = 3.14$)

Name : _____

Answer key

Volume - Cylinder

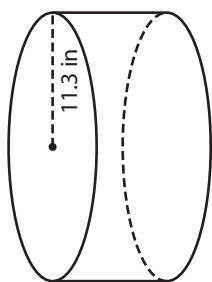
L2S2

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

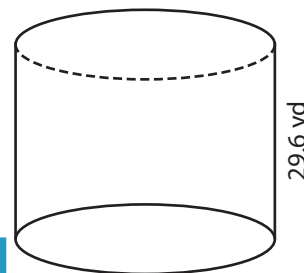
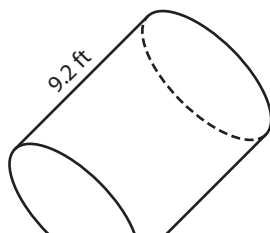
1) Volume = 2,189.25 in³

2) Volume = 538.1 ft³

3) Volume = 32,167 yd³



height = 5.5 in



diameter = 37.2 yd

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

4) Volume = 453.42 in³

diameter = 8 in

6) Volume = 827.5 yd³;

height = 9 yd

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

Round your answer to the nearest tenth.

Volume = 1,077.07 ft³; radius = 19.1 ft

13.9 ft

Volume = 1,771.7 in³; height = 7.5 in

radius = 17.8 in

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 $\pi = 3.14$)

7 inches