

Name : _____

Volume - Cylinder

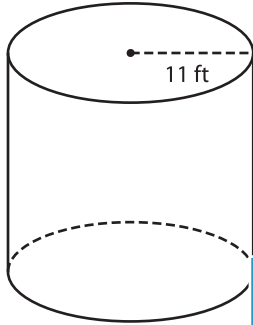
L1S1

A) Find the indicated measure.

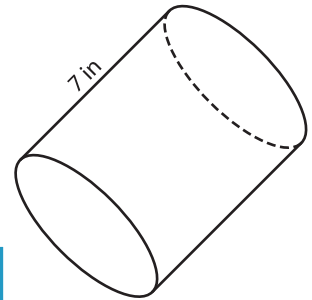
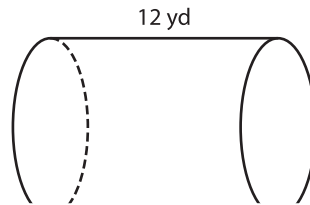
1) Volume = $2,178\pi \text{ ft}^3$

2) Volume = $972\pi \text{ yd}^3$

3) Volume = $63\pi \text{ in}^3$



height = _____



diameter = _____

B) Find the indicated measure.

4) Volume = $11,025\pi \text{ ft}^3$

diameter = _____

6) Volume = $6,144\pi \text{ in}^3$

radius = _____

height = _____

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Volume = $1,351\pi \text{ yd}^3$; radius = 17 yd

Volume = $1,507\pi \text{ ft}^3$; diameter = 40 ft

8) A cylindrical flower vase has a height of 9 inches and volume of 144π cubic inches. Find the radius of the flower vase.
