

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

## Volume - Cylinder

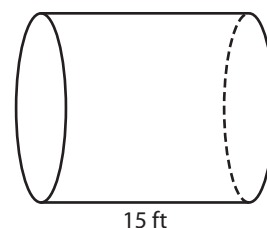
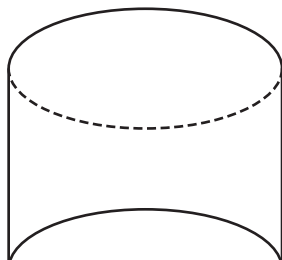
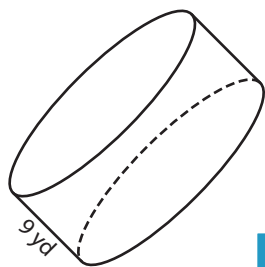
L152

A) Find the indicated measure.

1) Volume =  $1,089\pi$  yd<sup>3</sup>

2) Volume =  $2,873\pi$  in<sup>3</sup>

3) Volume =  $735\pi$  ft<sup>3</sup>



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

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

B) Find the indicated

4) Volume =  $40\pi$  in<sup>3</sup> ; h

t<sup>3</sup> ; diameter = 6 ft

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

6) Volume =  $11,025\pi$  y

r in<sup>3</sup> ; height = 26 in

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

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

8) A cylindrical centerpiece measures 4 inches in diameter. If the volume of the centerpiece is  $24\pi$  cubic inches, what is its height?

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

### Answer key

## Volume - Cylinder

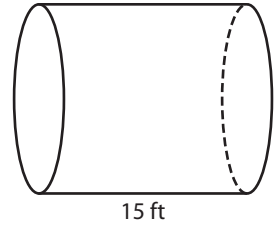
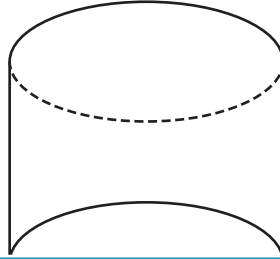
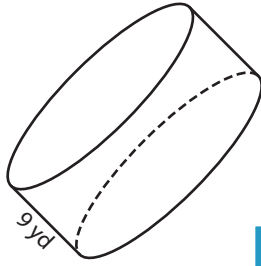
L152

A) Find the indicated measure.

1) Volume =  $1,089\pi$  yd<sup>3</sup>

2) Volume =  $2,873\pi$  in<sup>3</sup>

3) Volume =  $735\pi$  ft<sup>3</sup>



diameter = 22 yd

# PREVIEW

radius = 7 ft

B) Find the indicated measure.

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4) Volume =  $40\pi$  in<sup>3</sup>; height = 10 in

Volume =  $144\pi$  ft<sup>3</sup>; diameter = 6 ft

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

radius = 12 ft

6) Volume =  $11,025\pi$  yd<sup>3</sup>; height = 25 yd

Volume =  $153\pi$  in<sup>3</sup>; height = 26 in

height = 25 yd

diameter = 26 in

8) A cylindrical centerpiece measures 4 inches in diameter. If the volume of the centerpiece is  $24\pi$  cubic inches, what is its height?

\_\_\_\_\_ 6 inches \_\_\_\_\_