

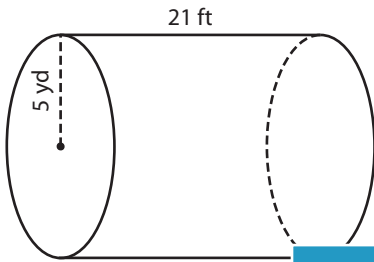
Name : \_\_\_\_\_

## Volume - Cylinder

Integers: DS1

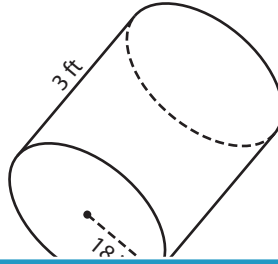
A) Find the volume of each cylinder. Round your answer to two decimal places. (use  $\pi = 3.14$ )

1)



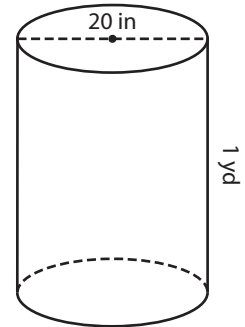
Volume = \_\_\_\_\_

2)



Volume = \_\_\_\_\_

3)



Volume = \_\_\_\_\_ in<sup>3</sup>

B) Find the volume of each cylinder. Round your answer to two decimal places.

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4) diameter = 28 ft ; height = 10 ft

Volume = \_\_\_\_\_ ft<sup>3</sup>

radius = 30 in

Volume = \_\_\_\_\_

6) height = 19 in ; diameter = 12 in

Volume = \_\_\_\_\_ yd<sup>3</sup>

height = 6 yd

Volume = \_\_\_\_\_ in<sup>3</sup>

Volume = \_\_\_\_\_ ft<sup>3</sup>

8) The height of a cylindrical vase is 1 foot and its base diameter 3 inches. What is the volume of the vase? Round your answer to two decimal places. (use  $\pi = 3.14$ )

\_\_\_\_\_ cubic inches

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

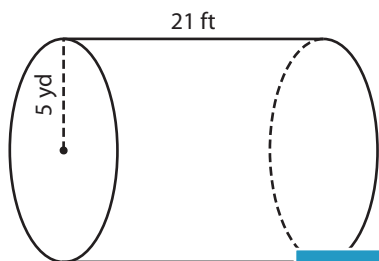
## Answer key

### Volume - Cylinder

Integers: DS1

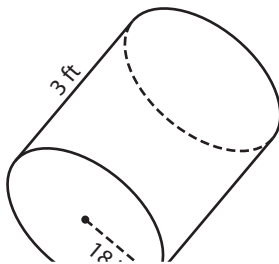
A) Find the volume of each cylinder. Round your answer to two decimal places. (use  $\pi = 3.14$ )

1)



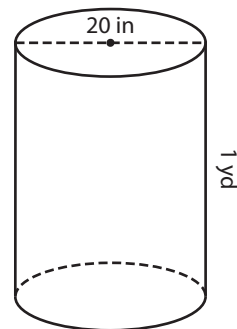
Volume = 549.5

2)



Volume = 18,463

3)



Volume = 11,304 in<sup>3</sup>

B) Find the volume of each cylinder. Round your answer to two decimal places.

4) diameter = 28 ft ; height = 18 ft

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5) radius = 30 in ; height = 6 yd

Volume = 36 yd<sup>3</sup>

6) height = 19 in ; diameter = 18 in

7) radius = 12 ft ; height = 6 yd

Volume = 8,591.04 in<sup>3</sup>

Volume = 6,838.92 ft<sup>3</sup>

8) The height of a cylindrical vase is 1 foot and its base diameter 3 inches. What is the volume of the vase? Round your answer to two decimal places. (use  $\pi = 3.14$ )

84.78

cubic inches