

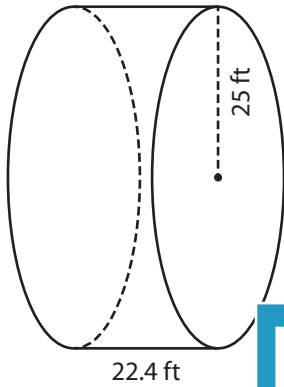
Name : \_\_\_\_\_

Decimals: ES2

## Volume - Cylinder

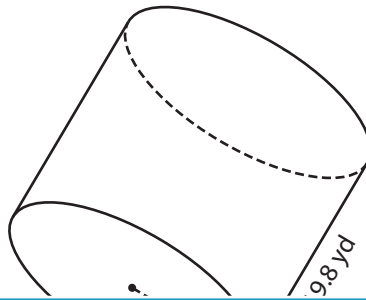
A) Find the volume of each cylinder. Round your answer to two decimal places. (use  $\pi = 3.14$ )

1)



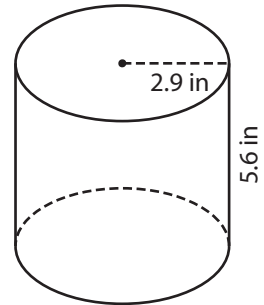
Volume = \_\_\_\_\_

2)



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

3)



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

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

4) height = 28.2 ft ; radius = 15.3 yd

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

6) radius = 7.1 yd ; height = 13.5 in

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

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

8) The height of a cylindrical candle holder is 5.6 inches. The radius is 2.1 inches. Find the volume of the holder. Round your answer to two decimal places. (use  $\pi = 3.14$ )

\_\_\_\_\_

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

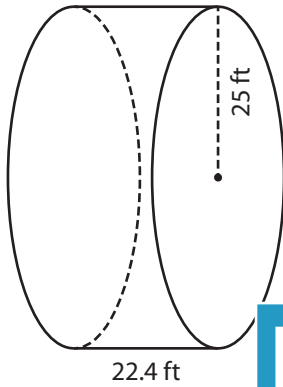
## Answer key

Decimals: ES2

### Volume - Cylinder

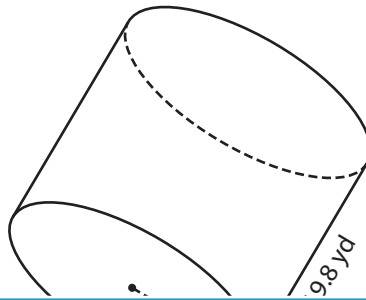
A) Find the volume of each cylinder. Round your answer to two decimal places. (use  $\pi = 3.14$ )

1)



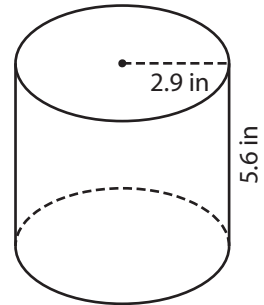
Volume = 43,960

2)



Volume = 40,931.1

3)



Volume = 147.88 in<sup>3</sup>

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

4) height = 28.2 ft ; radius = 15.3 yd

Volume = 1,851.96 yd<sup>3</sup>

6) radius = 7.1 yd ; height = 13.5 in

Volume = 1,851.96 yd<sup>3</sup>

Volume = 12,834 in<sup>3</sup>

8) The height of a cylindrical candle holder is 5.6 inches. The radius is 2.1 inches. Find the volume of the holder. Round your answer to two decimal places. (use  $\pi = 3.14$ )

77.55 cubic inches

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