

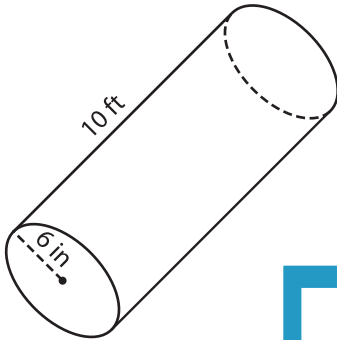
Name : \_\_\_\_\_

Integers: DS5

## Volume - Cylinder

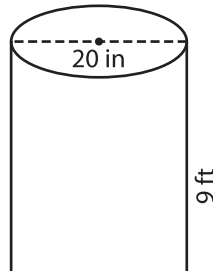
A) Find the volume of each cylinder. Round your answer to two decimal places. (use  $\pi = 3.14$ )

1)



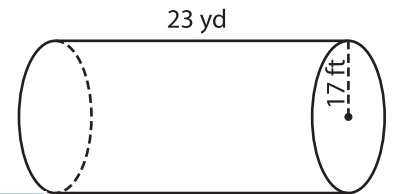
Volume = \_\_\_\_\_

2)



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

3)



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

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

4) radius = 21 in ; height = 10 ft

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

6) height = 4 yd ; radius = 3 ft

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

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

8) A cylindrical canister has diameter 6 inches and height 12 feet. Find the capacity of the mug. Round your answer to two decimal places. (use  $\pi = 3.14$ )

\_\_\_\_\_ cubic feet