

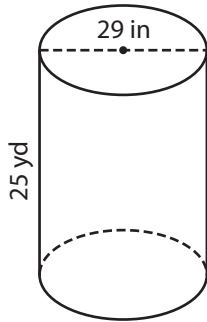
Name : _____

Volume - Cylinder

Integers: DS4

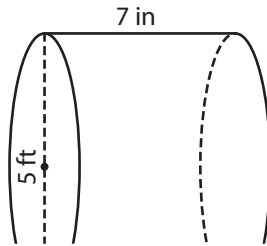
A) Find the volume of each cylinder. Round your answer to two decimal places. (use $\pi = 3.14$)

1)



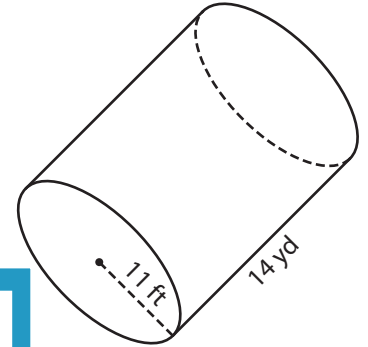
Volume = _____

2)



Volume = _____

3)



Volume = _____ ft^3

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

4) height = 4 yd ; diameter = 12 yd

Volume = _____

6) diameter = 18 yd ; height = 10 yd

Volume = _____ yd^3

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5) radius = 3 ft ; height = 19 ft

Volume = _____ ft^3

7) radius = 1 ft ; diameter = 2 ft

Volume = _____ in^3

8) Gaby has a 4 feet deep circular pool. The radius of the pool is 3 yards. What is the volume of the pool? Round your answer to two decimal places. (use $\pi = 3.14$)

_____ cubic yards

Name : _____

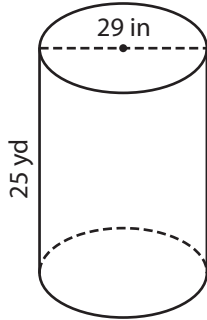
Answer key

Integers: DS4

Volume - Cylinder

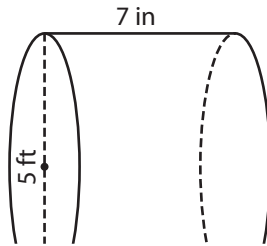
A) Find the volume of each cylinder. Round your answer to two decimal places. (use $\pi = 3.14$)

1)



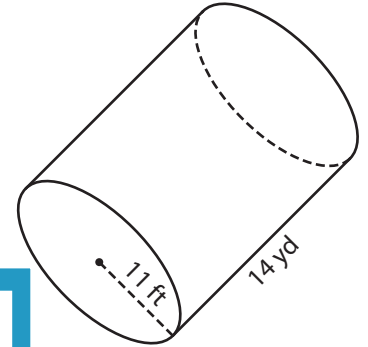
Volume = 12.74

2)



Volume = 12.74

3)



Volume = 15,957.48 ft³

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

4) height = 4 yd ; diameter = 18 yd

Volume = 28,938.24 yd³

6) diameter = 18 yd ; height = 19 ft

Volume = 1,441.26 yd³

5) radius = 11 ft ; height = 19 ft

Volume = 4,521.6 ft³

7) radius = 3 yd ; height = 2 ft

Volume = 4,521.6 in³

8) Gaby has a 4 feet deep circular pool. The radius of the pool is 3 yards. What is the volume of the pool? Round your answer to two decimal places. (use $\pi = 3.14$)

37.67 cubic yards

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