

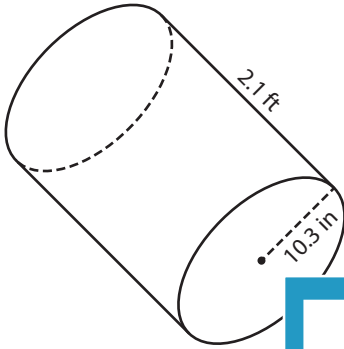
Name : _____

Volume - Cylinder

Decimals: DS1

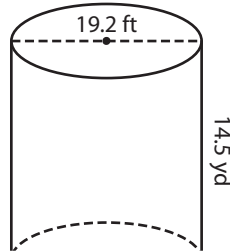
A) Find the volume of each cylinder. Round your answer to two decimal places. (use $\pi = 3.14$)

1)



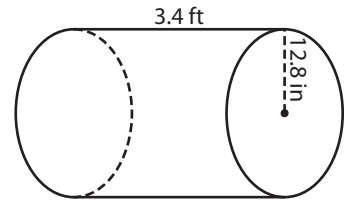
Volume = _____

2)



Volume = _____ ft^3

3)



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

4) radius = 21.7 in ; height = 14.5 yd

Volume = _____

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5) radius = 17.4 in ; height = 16.5 ft

Volume = _____ in^3

Volume = _____ yd^3

Volume = _____ ft^3

6) height = 11.6 ft ; diameter = 19.2 ft

Volume = _____ ft^3

Volume = _____ yd^3

8) The height and base diameter of a graduated cylinder are 1.1 feet and 1.6 inches respectively. Calculate the volume of the cylinder. Round your answer to two decimal places. (use $\pi=3.14$)

_____ cubic inches

Name : _____

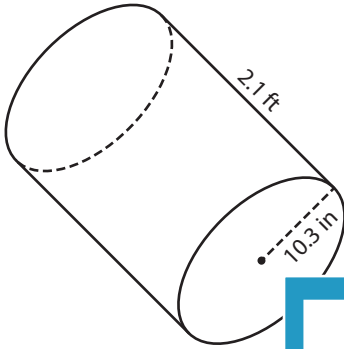
Answer key

Decimals: DS1

Volume - Cylinder

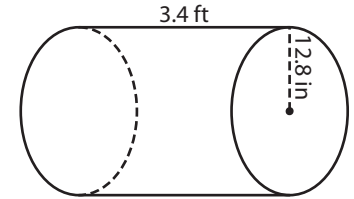
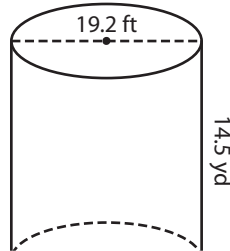
A) Find the volume of each cylinder. Round your answer to two decimal places. (use $\pi = 3.14$)

1)



Volume = 8,394.69

2)



Volume = 12.15 ft³

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

4) radius = 21.7 in ; height = 10.5 in

Volume = 17.91

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diameter = 17.4 in

Volume = 556 in³

6) height = 11.6 ft ; diameter = 10.5 ft

height = 16.5 ft

Volume = 1,734.15 ft³

Volume = 397.9 yd³

8) The height and base diameter of a graduated cylinder are 1.1 feet and 1.6 inches respectively. Calculate the volume of the cylinder. Round your answer to two decimal places. (use $\pi=3.14$)

26.53

cubic inches