

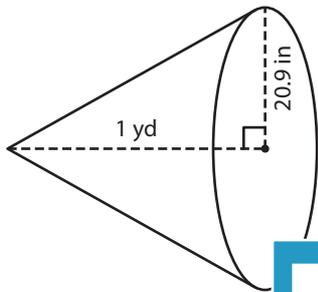
Name : _____

Volume - Cone

Decimals: DS2

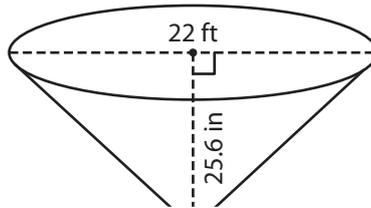
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



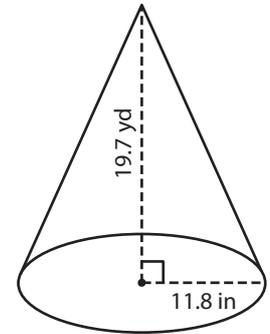
Volume = _____

2)



Volume = _____

3)



Volume = _____ yd³

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

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4) radius = 15.9 yd ; height = 12.5 yd

5) radius = 17.8 in ; height = 10.2 in

6) radius = 17.8 in ; height = 29 ft

Volume = _____

Volume = _____ ft³

6) height = 16.3 ft ; diameter = 22 ft

height = 29 ft

Volume = _____ in³

Volume = _____ ft³

8) A conical planter has a height of 0.3 yards and radius of 6 inches. What is the volume of the planter? Round your answer to two decimal places. (use $\pi = 3.14$)

_____ cubic inches



Name : _____

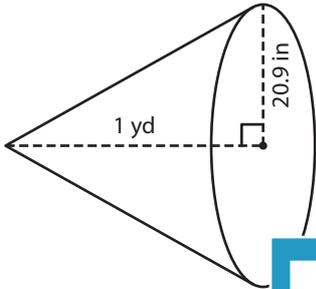
Answer key

Volume - Cone

Decimals: DS2

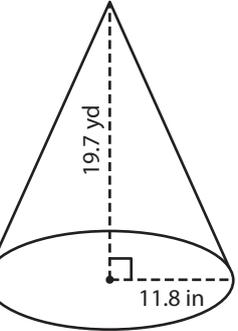
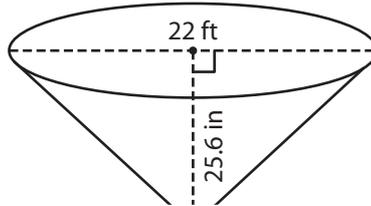
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



Volume = 16,459

2)



Volume = 2.22 yd³

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

4) radius = 15.9 yd ; height = 10.5 yd

Volume = 2,355.0

6) height = 16.3 ft ; diameter = 12 ft

Volume = 3,275.65 in³

Volume = 5,531.9 ft³

8) A conical planter has a height of 0.3 yards and radius of 6 inches. What is the volume of the planter? Round your answer to two decimal places. (use $\pi = 3.14$)

406.94 cubic inches



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