

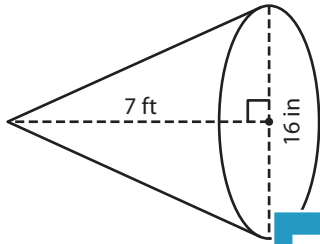
Name : _____

Volume - Cone

Integers: DS2

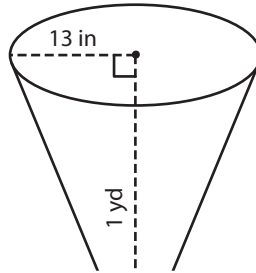
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



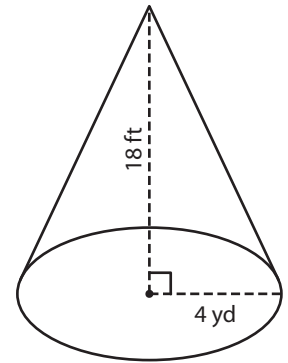
Volume = _____

2)



Volume = _____

3)



Volume = _____ yd³

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

4) radius = 15 in ; height = 10 in

Volume = _____

6) height = 15 in ; diameter = 10 in

Volume = _____ in³

Volume = _____ ft³

8) A factory has conical bottom tanks for the storage of fertilizers. The height of the conical bottom is 25 feet and the radius 4 yards. Find the volume of the bottom. Round your answer to two decimal places. (use $\pi = 3.14$)

_____ cubic yards



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Name : _____

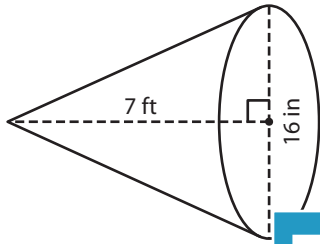
Answer key

Volume - Cone

Integers: DS2

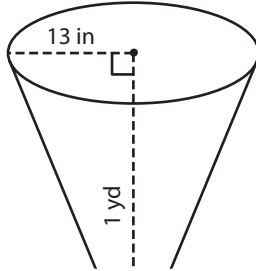
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



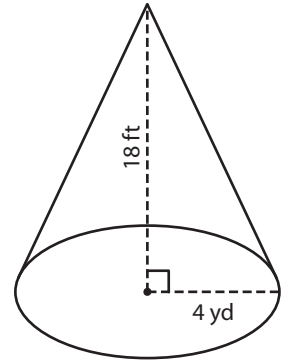
Volume = 3.26

2)



Volume = 100.48 yd³

3)



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

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4) radius = 15 in ; height = 6 yd

Volume = 13.08

Volume = 31 yd³

6) height = 15 in ; diameter = 20 in

height = 8 yd

Volume = 36,172.8 in³

Volume = 7,259.68 ft³

8) A factory has conical bottom tanks for the storage of fertilizers. The height of the conical bottom is 25 feet and the radius 4 yards. Find the volume of the bottom. Round your answer to two decimal places. (use $\pi = 3.14$)



139.56 cubic yards