

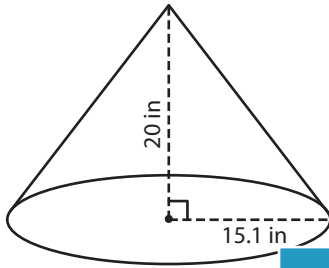
Name : _____

Volume - Cone

Decimals: ES4

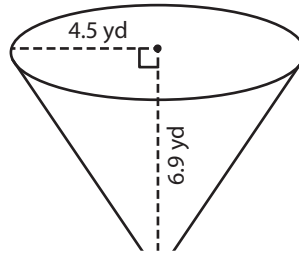
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



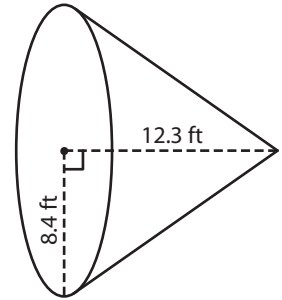
Volume = _____

2)



Volume = _____

3)



Volume = _____

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

4) height = 18.3 yd ; radius = 12.5 yd

Volume = _____

5) height = 30 in ; radius = 15 in

Volume = _____

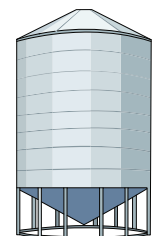
6) radius = 24.7 ft ; height = 15 ft

Volume = _____

7) radius = 9.6 yd ; height = 12 yd

Volume = _____

8) The bottom of a silo is conical in shape. If the radius and height of the conical bottom are 12.5 feet and 20 feet respectively, what is the volume of the conical bottom? Round your answer to two decimal places. (use $\pi = 3.14$)



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Name : _____

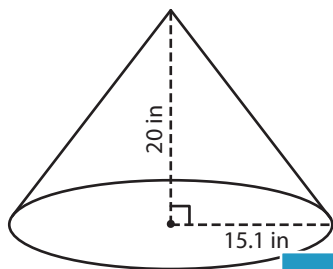
Answer key

Volume - Cone

Decimals: ES4

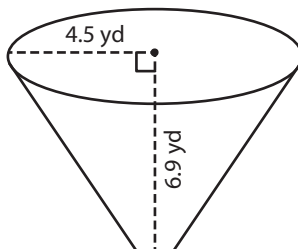
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



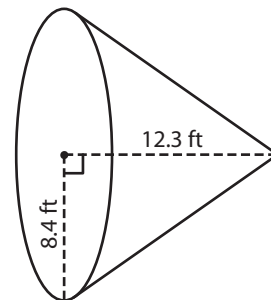
Volume = 4,773.0

2)



Volume = 908.39 ft³

3)



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

4) height = 18.3 yd ; radius = 10.5 yd

Volume = 7,060.9

5) radius = 12.5 ft ; height = 30 in

height = 30 in

Volume = 16.22 in³

6) radius = 24.7 ft ; height = 12.5 ft

radius = 9.6 yd

Volume = 13,601.35 ft³

Volume = 723.46 yd³

8) The bottom of a silo is conical in shape. If the radius and height of the conical bottom are 12.5 feet and 20 feet respectively, what is the volume of the conical bottom? Round your answer to two decimal places. (use $\pi = 3.14$)

3,270.83 cubic feet

