

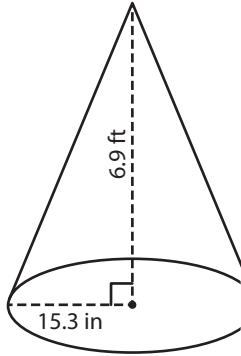
Name : _____

Volume - Cone

Decimals: DS1

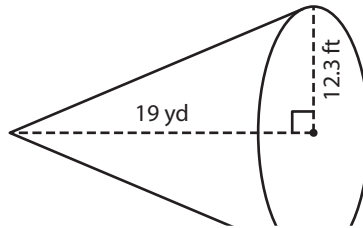
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



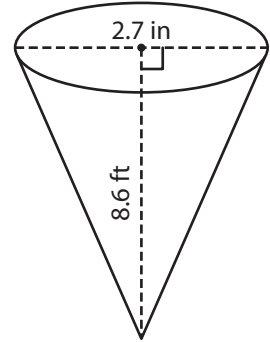
Volume = _____

2)



Volume = _____

3)



Volume = _____ in³

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

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4) height = 17.5 ft ; diameter = 12 ft

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5) height = 0.8 yd ; radius = 3.5 yd

Volume = _____

Volume = _____ in³

6) diameter = 9 yd ; height = 1.5 yd

7) radius = 5.4 ft ; height = 1.2 ft

Volume = _____ yd³

Volume = _____ ft³

8) A conical water tank has a height of 4.9 yards and radius of 5.1 feet. How much water can the tank hold? Round your answer to two decimal places. (use $\pi = 3.14$)

_____ cubic yards

Name : _____

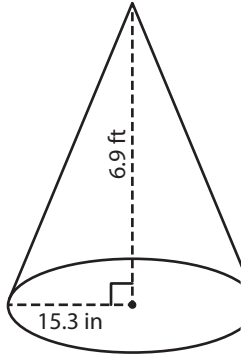
Answer key

Volume - Cone

Decimals: DS1

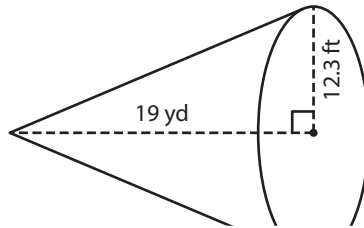
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)

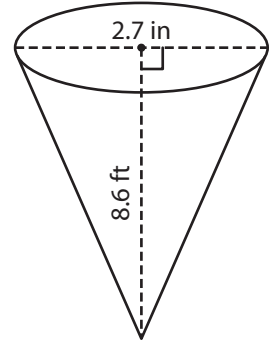


Volume = 11.74

2)



3)



Volume = 196.86 in³

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

4) height = 17.5 ft ; diameter = 10 ft

Volume = 4,457.12 ft³

6) diameter = 9 yd ; height = 1.5 yd

Volume = 6.01 yd³

5) height = 0.8 yd ; radius = 5.4 ft

Volume = 345.12 in³

Volume = 2,353.15 ft³

8) A conical water tank has a height of 4.9 yards and radius of 5.1 feet. How much water can the tank hold? Round your answer to two decimal places. (use $\pi = 3.14$)

14.82 cubic yards

PREVIEW

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