

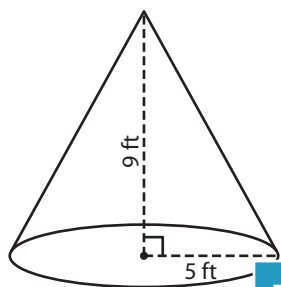
Name : \_\_\_\_\_

## Volume - Cone

Integers: ES4

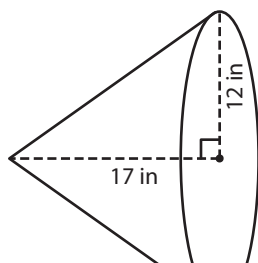
A) Find the volume of each cone. Round your answer to two decimal places.  
(use  $\pi = 3.14$ )

1)



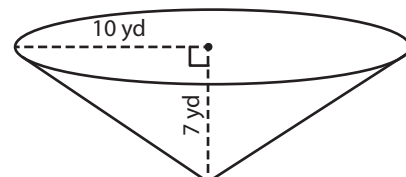
Volume = \_\_\_\_\_

2)



Volume = \_\_\_\_\_

3)



Volume = \_\_\_\_\_

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

4) radius = 8 in ; height = 10 in

Volume = \_\_\_\_\_

6) height = 18 yd ; radius = 5 yd

Volume = \_\_\_\_\_

Volume = \_\_\_\_\_

8) A conical water tank has a radius of 6 feet and a depth of 24 feet. What is the capacity of the tank? (use  $\pi = 3.14$ )

\_\_\_\_\_

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Name : \_\_\_\_\_

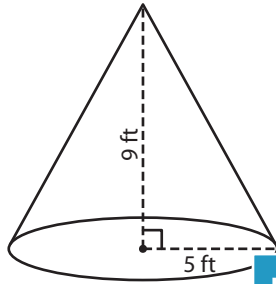
## Answer key

### Volume - Cone

Integers: ES4

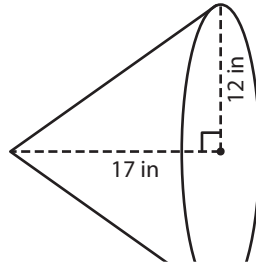
A) Find the volume of each cone. Round your answer to two decimal places.  
(use  $\pi = 3.14$ )

1)



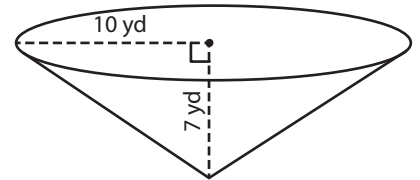
Volume = 235.5

2)



Volume = 732.67 yd<sup>3</sup>

3)



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

4) radius = 8 in ; height = 10 in

Volume = 1,406.72 in<sup>3</sup>

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

6) radius = 5 ft ; height = 12 ft

Volume = 6.33 ft<sup>3</sup>

6) height = 18 yd ; radius = 10 yd

7) radius = 3 in ; height = 6 in

Volume = 301.44 yd<sup>3</sup>

Volume = 56.52 in<sup>3</sup>

8) A conical water tank has a radius of 6 feet and a depth of 24 feet. What is the capacity of the tank? (use  $\pi = 3.14$ )

904.32 cubic feet