

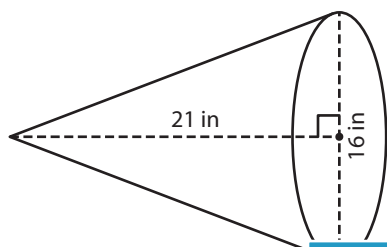
Name : \_\_\_\_\_

## Volume - Cone

Integers: MS4

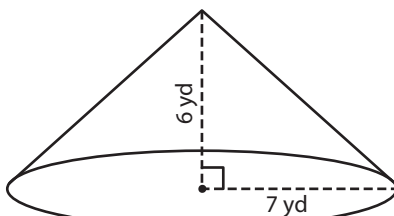
A) Find the volume of each cone. Round your answer to two decimal places.  
(use  $\pi = 3.14$ )

1)



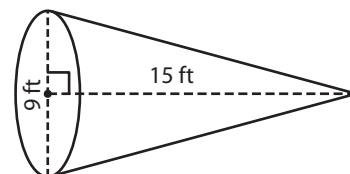
Volume = \_\_\_\_\_

2)



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

3)



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

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

4) radius = 8 yd ; height = 10 yd

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

6) height = 12 in ; diameter = 10 in

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

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

8) A conical water tank has a diameter of 8 feet and a depth of 22 feet. What is the capacity of the tank? Round your answer to two decimal places. (use  $\pi = 3.14$ )

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

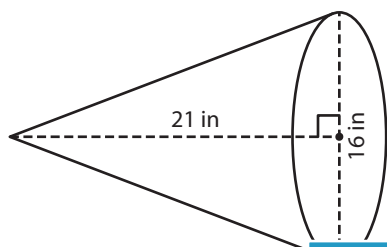
## Answer key

### Volume - Cone

Integers: MS4

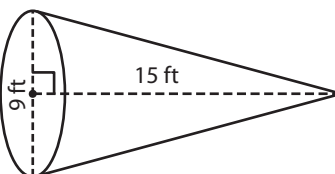
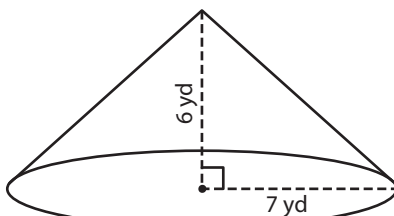
A) Find the volume of each cone. Round your answer to two decimal places.  
(use  $\pi = 3.14$ )

1)



Volume = 1,406.72

2)



Volume = 317.93 ft<sup>3</sup>

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

4) radius = 8 yd ; height = 12 yd

Volume = 1,674.69

6) height = 12 in ; diameter = 10 in

Volume = 907.46 in<sup>3</sup>

Volume = 3,466.56 yd<sup>3</sup>

8) A conical water tank has a diameter of 8 feet and a depth of 22 feet. What is the capacity of the tank? Round your answer to two decimal places. (use  $\pi = 3.14$ )

368.43 cubic feet