

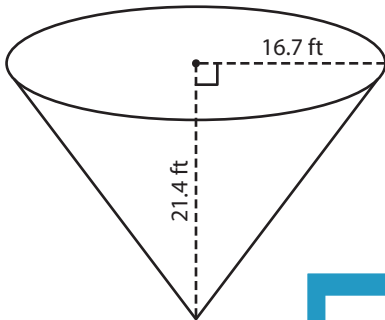
Name : \_\_\_\_\_

## Volume - Cone

Decimals: ES2

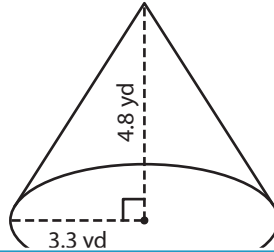
A) Find the volume of each cone. Round your answer to two decimal places.  
(use  $\pi = 3.14$ )

1)



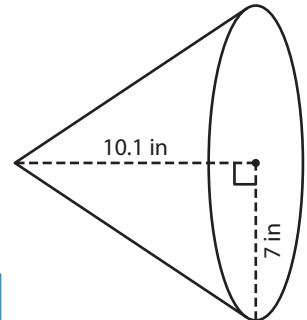
Volume = \_\_\_\_\_

2)



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

3)



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

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

4) height = 11.2 ft ; radius = 5.5 ft

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

6) radius = 9.4 in ; height = 12.5 in

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

5) height = 8.5 yd ; radius = 4.2 yd

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

7) radius = 15.5 ft ; height = 22.5 ft

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

# PREVIEW

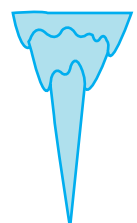
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8) There are a number of cone-shaped ice spikes in a winter cave. One of the spikes has a height of 7.75 inches and radius of 1.5 inches. Find the volume of the spike. Round your answer to two decimal places. (use  $\pi = 3.14$ )



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

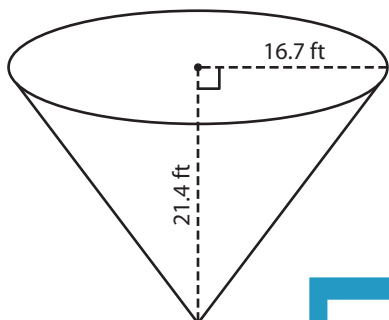
## Answer key

### Volume - Cone

Decimals: ES2

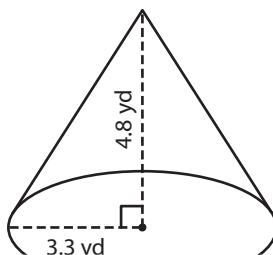
A) Find the volume of each cone. Round your answer to two decimal places.  
(use  $\pi = 3.14$ )

1)



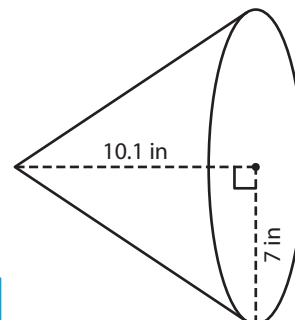
Volume = 6,246.7

2)



Volume = 518 in<sup>3</sup>

3)



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

4) height = 11.2 ft ; radius = 10.5 ft

Volume = 3,387.8

5) height = 8.5 yd ; radius = 10.5 yd

Volume = 79 yd<sup>3</sup>

6) radius = 9.4 in ; height = 15.5 in

Volume = 5,004.09 ft<sup>3</sup>

Volume = 1,174.54 in<sup>3</sup>

Volume = 5,004.09 ft<sup>3</sup>

8) There are a number of cone-shaped ice spikes in a winter cave. One of the spikes has a height of 7.75 inches and radius of 1.5 inches. Find the volume of the spike. Round your answer to two decimal places. (use  $\pi = 3.14$ )



18.25 cubic inches