

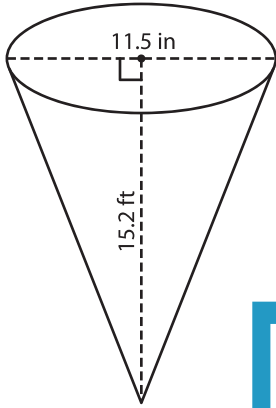
Name : \_\_\_\_\_

Decimals: DS3

## Volume - Cone

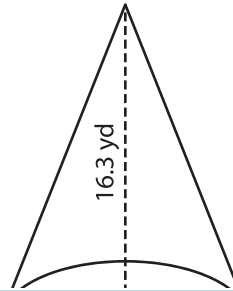
A) Find the volume of each cone. Round your answer to two decimal places.  
(use  $\pi = 3.14$ )

1)



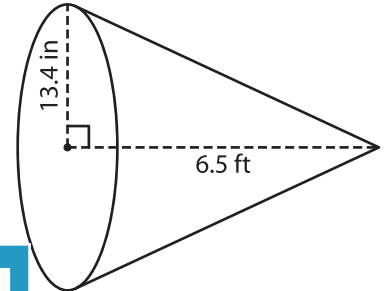
Volume = \_\_\_\_\_

2)



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

3)



Volume = \_\_\_\_\_  $\text{ft}^3$

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

4) height = 4.2 yd ; radius = 3.5 yd

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

5) radius = 5.5 ft ; height = 8.7 yd

Volume = \_\_\_\_\_  $\text{ft}^3$

6) height = 29.6 yd ; radius = 4.5 yd

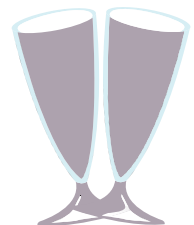
Volume = \_\_\_\_\_  $\text{yd}^3$

7) radius = 3.5 ft ; height = 17.2 yd

Volume = \_\_\_\_\_  $\text{yd}^3$

8) At a party, Rose serves apple juice in cone-shaped glasses. The glasses measure 0.42 feet in height and 2 inches in radius. Find the volume of the glass. Round your answer to two decimal places. (use  $\pi = 3.14$ )

\_\_\_\_\_ cubic inches



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