

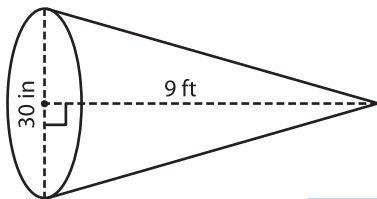
Name : \_\_\_\_\_

## Volume - Cone

Integers: DS6

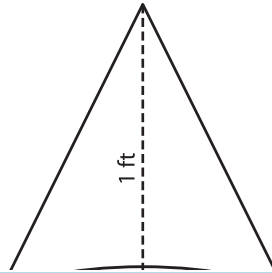
A) Find the volume of each cone. Round your answer to two decimal places.  
(use  $\pi = 3.14$ )

1)



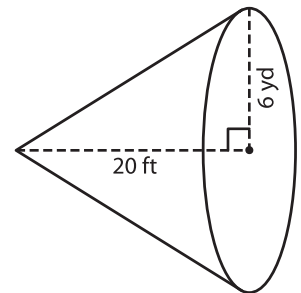
Volume = \_\_\_\_\_

2)



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

3)



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

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

4) height = 22 yd ; radius = 10 yd

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

5) radius = 15 ft ; height = 12 ft

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

6) radius = 7 yd ; height = 10 yd

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

7) diameter = 21 in ; height = 10 in

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

8) A conical wall-mounted vase has a diameter of 5 inches. If the height of the vase is 1 foot, find the volume of the vase. Round your answer to two decimal places. (use  $\pi = 3.14$ )

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

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