

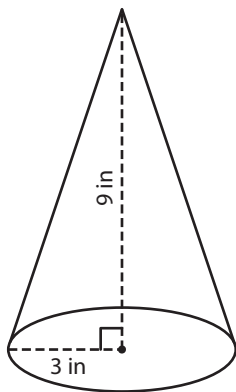
Name : _____

Volume - Cone

Integers: ES1

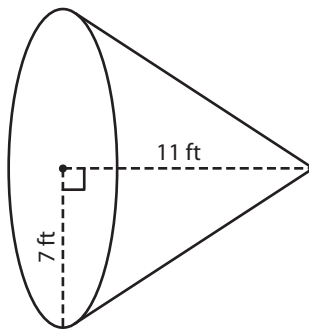
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



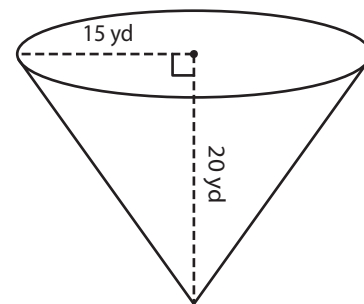
Volume = _____

2)



Volume = _____

3)



Volume = _____

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

4) height = 18 in ; radius = 12 in

Volume = _____

5) radius = 2 ft ; height = 5 ft

Volume = _____

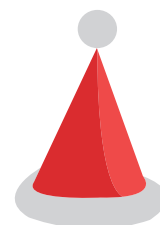
6) radius = 8 yd ; height = 13 yd

Volume = _____

7) height = 17 in ; radius = 21 in

Volume = _____

8) For Christmas, Lily makes a paper cone Santa hat. If the height and radius of the cone are 8 inches and 3 inches respectively, what is the volume of the hat? (use $\pi = 3.14$)



Name : _____

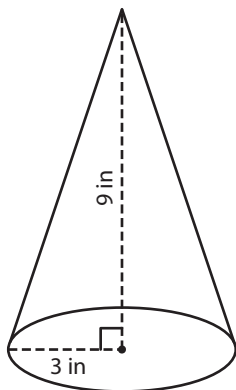
Answer key

Volume - Cone

Integers: ES1

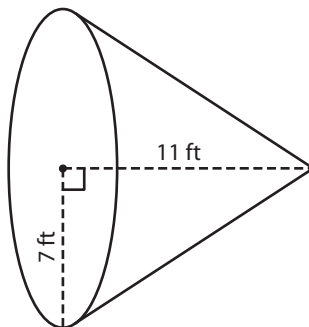
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



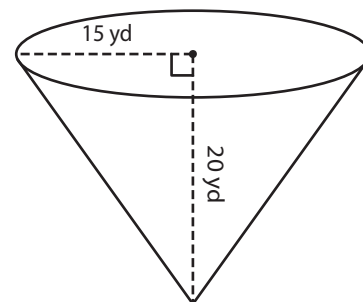
Volume = 84.78 in³

2)



Volume = 564.15 ft³

3)



Volume = 4,710 yd³

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

4) height = 18 in ; radius = 12 in

Volume = 2,712.96 in³

5) radius = 2 ft ; height = 5 ft

Volume = 20.93 ft³

6) radius = 8 yd ; height = 13 yd

Volume = 870.83 yd³

7) height = 17 in ; radius = 21 in

Volume = 7,846.86 in³

8) For Christmas, Lily makes a paper cone Santa hat. If the height and radius of the cone are 8 inches and 3 inches respectively, what is the volume of the hat? (use $\pi = 3.14$)

75.36 cubic inches

