

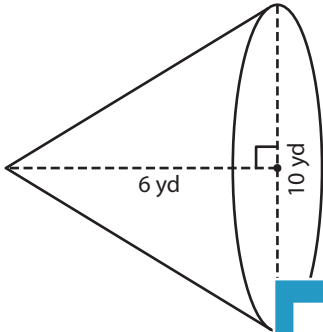
Name : _____

Volume - Cone

Integers: MS3

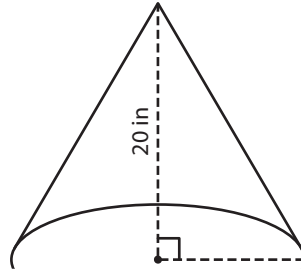
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



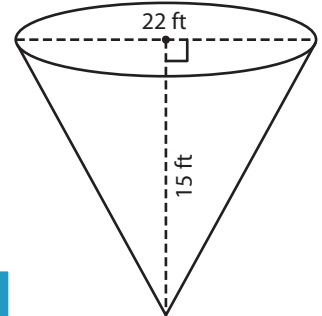
Volume = _____

2)



Volume = _____

3)



Volume = _____

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

4) height = 9 yd ; diameter = 12 yd

Volume = _____

5) height = 26 in ; radius = 4 in

Volume = _____

6) height = 10 in ; radius = 3 in

Volume = _____

Volume = _____

8) Little Natalie makes a conical Christmas tree, using green clay. If the height of the tree is 4 inches, and the diameter of the base is 3 inches, how much clay is in use? (use $\pi = 3.14$)



Name : _____

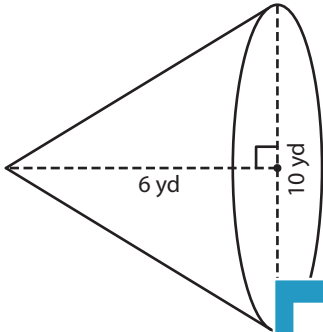
Answer key

Volume - Cone

Integers: MS3

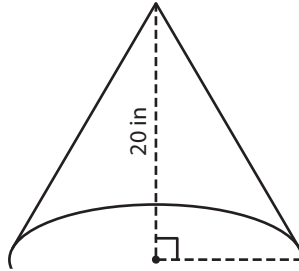
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



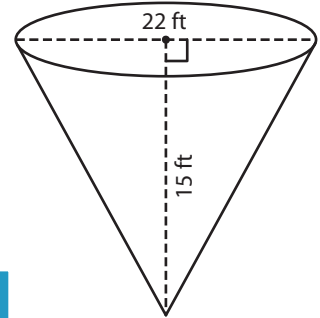
Volume = 157 yd³

2)



Volume = 1,980.5 in³

3)



Volume = 1,899.7 ft³

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

4) height = 9 yd ; diameter = 12 yd

Volume = 1,980.5 in³

6) height = 10 in ; radius = 3 in

Volume = 2,355 in³

Volume = 640.56 ft³

8) Little Natalie makes a conical Christmas tree, using green clay. If the height of the tree is 4 inches, and the diameter of the base is 3 inches, how much clay is in use? (use $\pi = 3.14$)

9.42 cubic inches

