

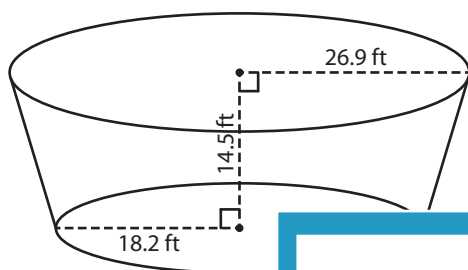
Name : \_\_\_\_\_

## Volume - Cone

MS2

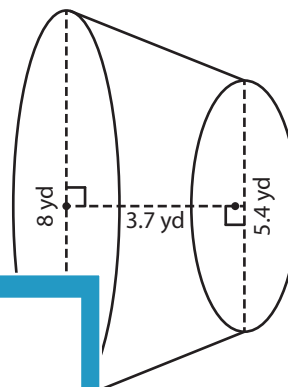
Find the volume of each conical frustum. Round your answer to two decimal places. (use  $\pi = 3.14$ )

1)



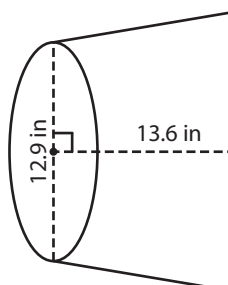
Volume = \_\_\_\_\_

2)



\_\_\_\_\_

3)



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

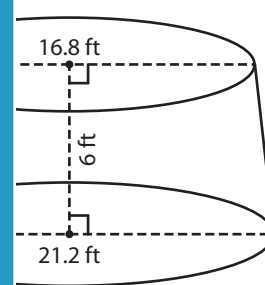
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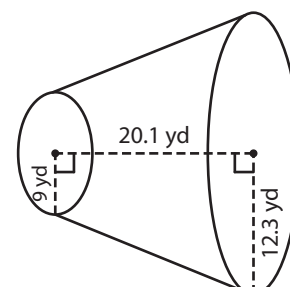
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\_\_\_\_\_

5) The radii of the ends of a frustum of a cone are 9 yards and 12.3 yards. The height of the frustum is 20.1 yards. Find the volume of the frustum. Round your answer to two decimal places. (use  $\pi = 3.14$ )



\_\_\_\_\_

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

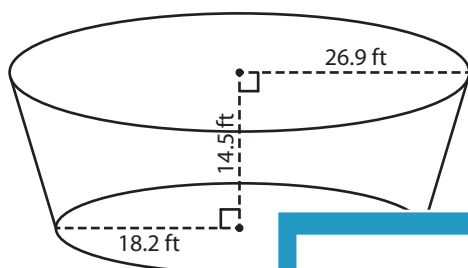
## Answer key

### Volume - Cone

MS2

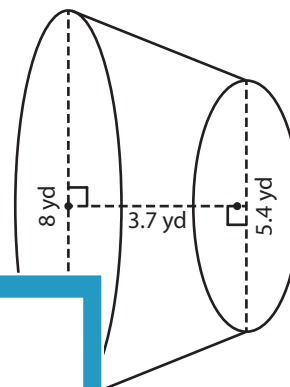
Find the volume of each conical frustum. Round your answer to two decimal places. (use  $\pi = 3.14$ )

1)



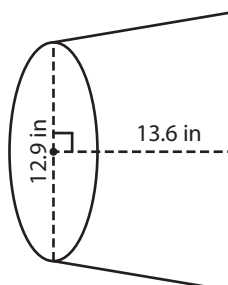
Volume = 23,

2)



130.02 yd<sup>3</sup>

3)



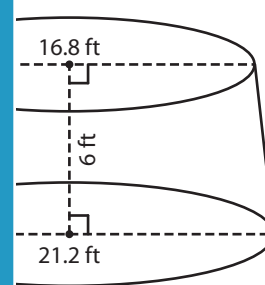
Volume = 2,

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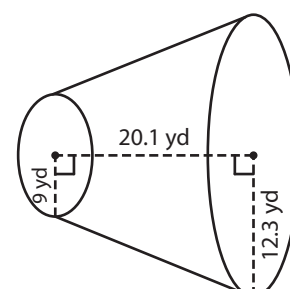
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1,707.91 ft<sup>3</sup>

5) The radii of the ends of a frustum of a cone are 9 yards and 12.3 yards. The height of the frustum is 20.1 yards. Find the volume of the frustum. Round your answer to two decimal places. (use  $\pi = 3.14$ )



7,215.82 cubic yards