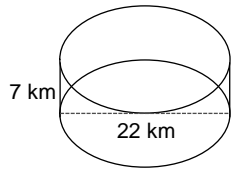


# Volume of Cylinders and Cones

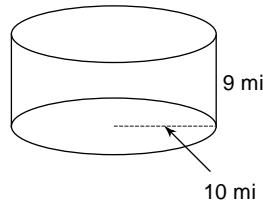
© 2011 Kuta Software LLC. All rights reserved.

**Find the volume of each figure. Round your answers to the nearest tenth, if necessary.**

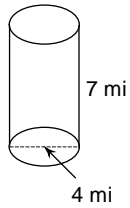
1)



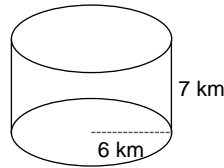
2)



3)

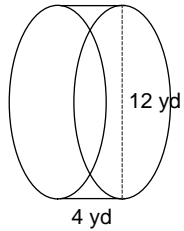


4)

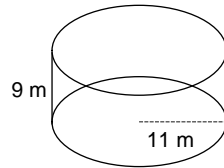


**Find the volume of each figure. Leave your answers in terms of  $\pi$ .**

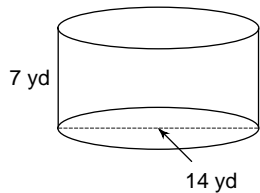
5)



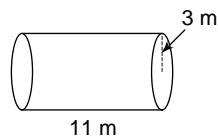
6)



7)

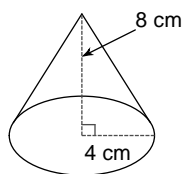


8)

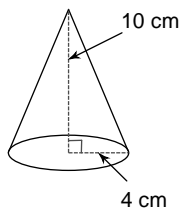


Find the volume of each figure. Round your answers to the nearest tenth, if necessary.

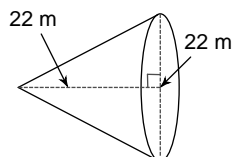
9)



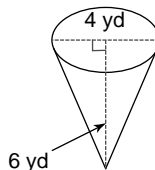
10)



11)

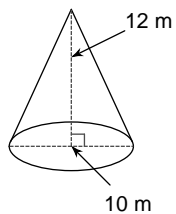


12)

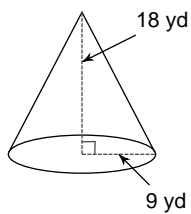


Find the volume of each figure. Leave your answers in terms of  $\pi$ . Use fractions instead of decimals, when necessary.

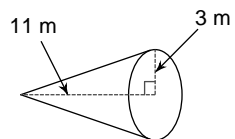
13)



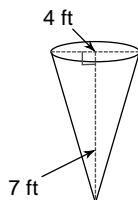
14)



15)



16)



## Answers to Volume of Cylinders and Cones

1)  $2660.9 \text{ km}^3$

2)  $2827.4 \text{ mi}^3$

3)  $88 \text{ mi}^3$

4)  $791.7 \text{ km}^3$

5)  $144\pi \text{ yd}^3$

6)  $1089\pi \text{ m}^3$

7)  $343\pi \text{ yd}^3$

8)  $99\pi \text{ m}^3$

9)  $134 \text{ cm}^3$

10)  $167.6 \text{ cm}^3$

11)  $2787.6 \text{ m}^3$

12)  $25.1 \text{ yd}^3$

13)  $100\pi \text{ m}^3$

14)  $486\pi \text{ yd}^3$

15)  $33\pi \text{ m}^3$

16)  $9.3\pi \text{ ft}^3$