Geometry

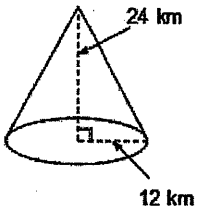
12-4 and 12-5 Volume of Cylinders and Cones

$V_{cylinder} = \pi r^2 h$

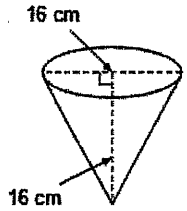
$V_{cone} = \frac{1}{3}\pi r^2 h$

Find the volume of each figure. Round your answers to the nearest hundredth, if necessary. Leave your answers in terms of π for answers that contain π.

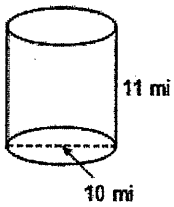
1)



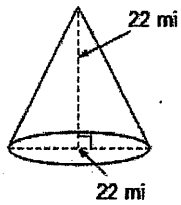
2)



3)



4)



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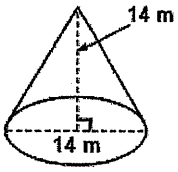
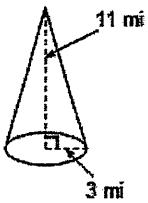
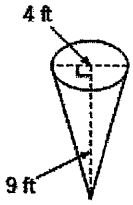


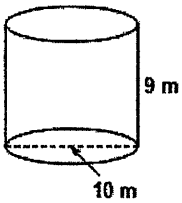
6)



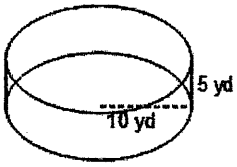
7)



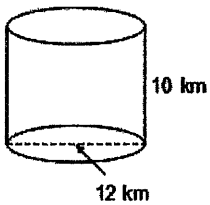
8)



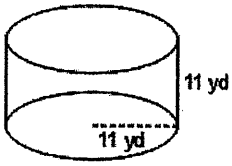
9)



10)



11)



Geometry

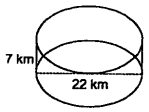
Name_____

Volume of Cylinders and Cones

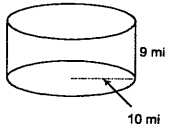
Date_____ Period____

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

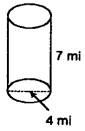
1)



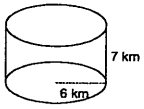
2)



3)

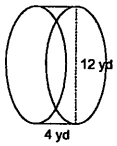


4)

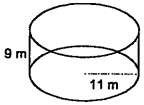


Find the volume of each figure. Leave your answers in terms of π.

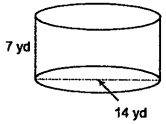
5)



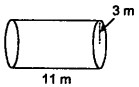
6)



7)

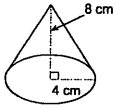


8)

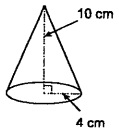


Find the volume of each figure. Round your answers to the nearest tenth, if necessary.

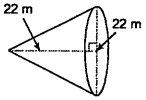
9)



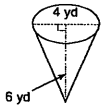
10)



11)

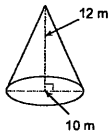


12)

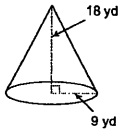


Find the volume of each figure. Leave your answers in terms of π. Use fractions instead of decimals, when necessary.

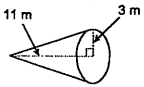
13)



14)



15)



16)