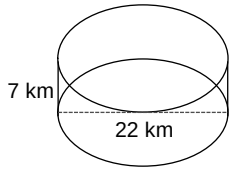
Geometry Name_____

Volume of Cylinders and Cones

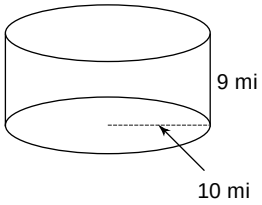
Date_____ Period____

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

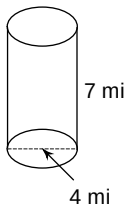
1)



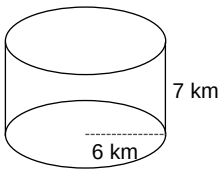
2)



3)

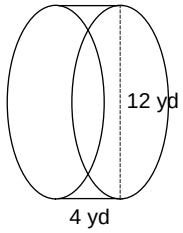


4)

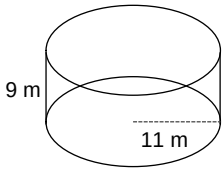


Find the volume of each figure. Leave your answers in terms of π.

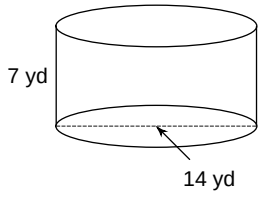
5)



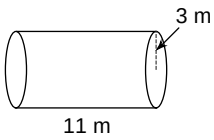
6)



7)

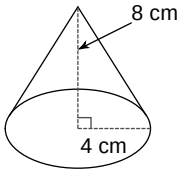


8)



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

9)



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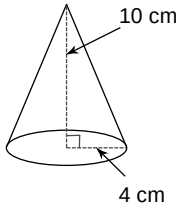
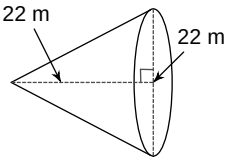
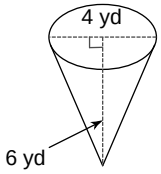


11)

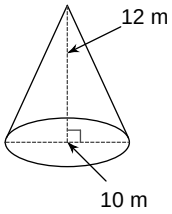


12)

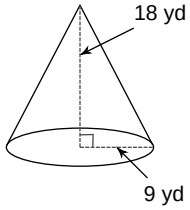


Find the volume of each figure. Leave your answers in terms of π. Use fractions instead of decimals, when necessary.

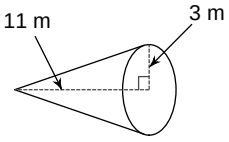
13)



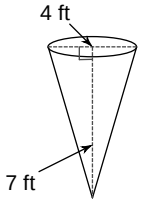
14)



15)



16)



Answers to Volume of Cylinders and Cones

1) 2660.9 km^3
2) 2827.4 mi^3
3) 88 mi^3
4) 791.7 km^3
5) 144π yd^3
6) 1089π m^3
7) 343π yd^3
8) 99π m^3
9) 134 cm^3
10) 167.6 cm^3
11) 2787.6 m^3
12) 25.1 yd^3
13) 100π m^3
14) 486π yd^3
15) 33π m^3
16) 9.3π ft^3