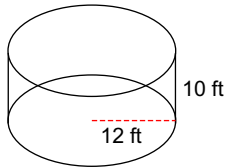


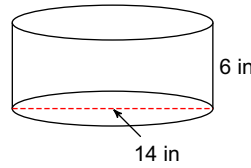
Practice - Volume of Cylinders

Find the volume of each figure. Round to the nearest tenth.

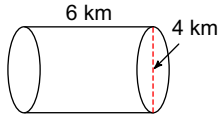
1)



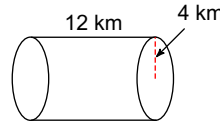
2)



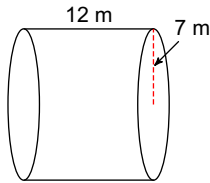
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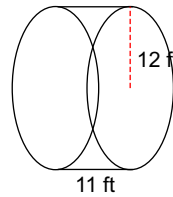
4)



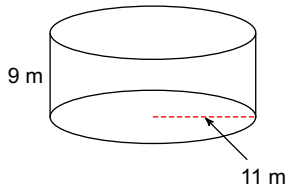
5)



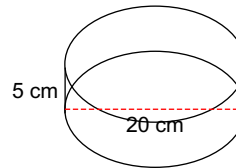
6)



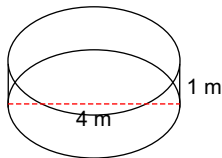
7)



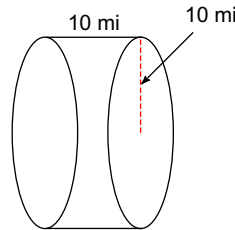
8)



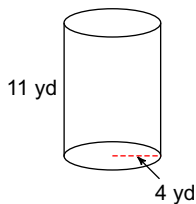
9)



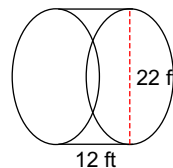
10)



11)



12)



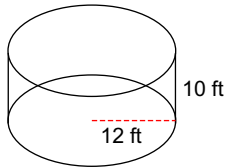
13) A section of concrete pipe 30 m long has an inside diameter of 1.2 m and an outside diameter of 1.8 m. What is the volume of concrete in this section of pipe?

14) A rectangular strip of aluminum, 30 cm long and 10 cm wide, is rolled into the form of a cylinder. Which would have the greater volume, a cylinder 10 cm high with circumference of 30 cm or a cylinder 30 cm high with circumference of 10 cm?

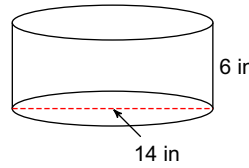
Practice - Volume of Cylinders

Find the volume of each figure. Round to the nearest tenth.

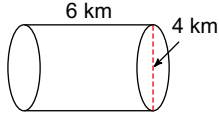
1) 4523.9 ft^3



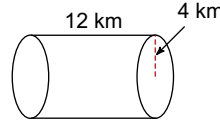
2) 923.6 in^3



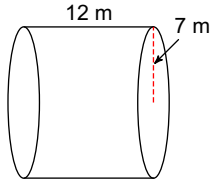
3) 75.4 km^3



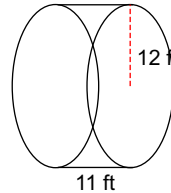
4) 603.2 km^3



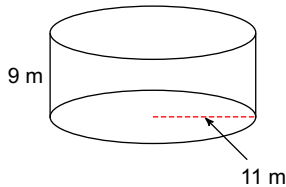
5) 1847.3 m^3



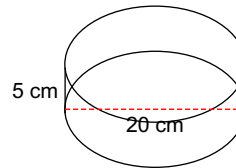
6) 4976.3 ft^3



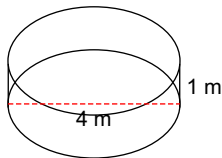
7) 3421.2 m^3



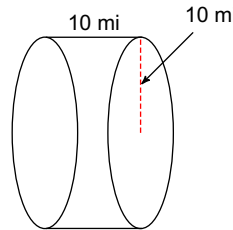
8) 1570.8 cm^3



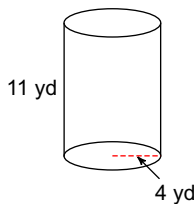
9) 12.6 m^3



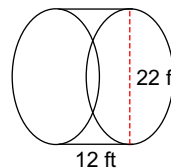
10) 3141.6 mi^3



11) 552.9 yd^3



12) 4561.6 ft^3



13) A section of concrete pipe 30 m long has an inside diameter of 1.2 m and an outside diameter of 1.8 m. What is the volume of concrete in this section of pipe?

14) A rectangular strip of aluminum, 30 cm long and 10 cm wide, is rolled into the form of a cylinder. Which would have the greater volume, a cylinder 10 cm high with circumference of 30 cm or a cylinder 30 cm high with circumference of 10 cm?