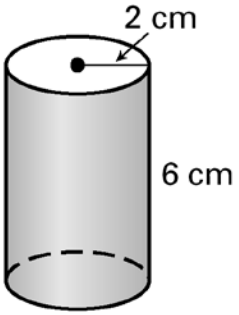
Geometry Worksheet -- Cylinders and Cones

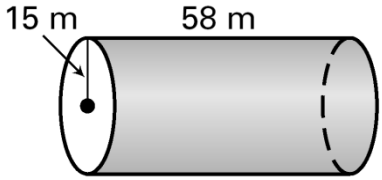
Name_____

Period_____ **Date**_____

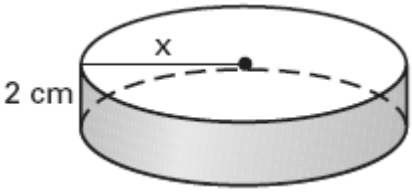
4. Find the volume of the right cylinder.



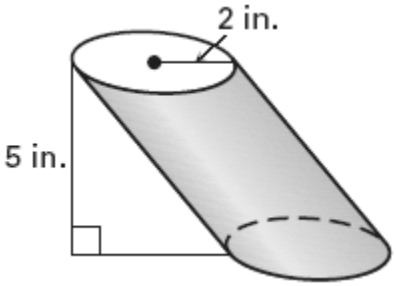
5. Find the volume of the right cylinder.



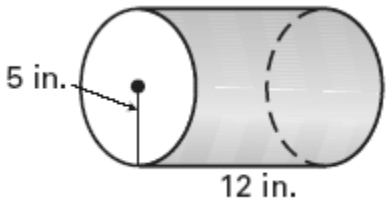
8. Find the length x using the given volume $V = 72\pi\ cm^3$.



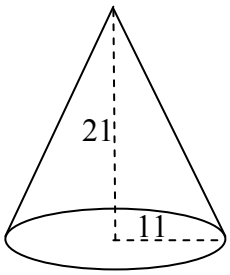
10. Use Cavalieri's Principle to find the volume of the oblique cylinder.



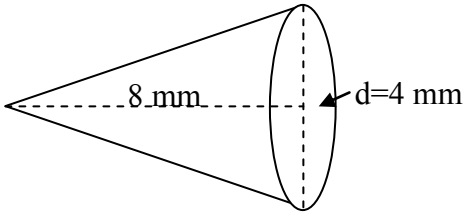
12. Find the surface area and volume of the right cylinder.



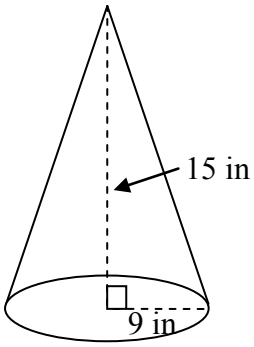
2. Find the volume of the cone.



5. Find the volume of the cone.



6. Find the volume of the cone.



11. Find the radius of the base of the cone.

Volume = 8,906.3 in^3
Height = 17 in
Let π = 3.14 & round to nearest tenth.