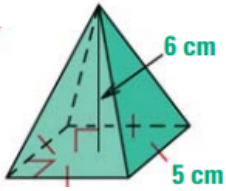


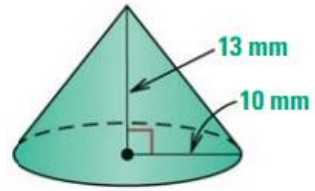
Unit 12- Worksheet #5: Volume of Pyramids and Cones

Find the volume of the solid. Round your answer to the nearest hundredth.

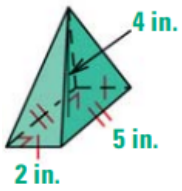
1.



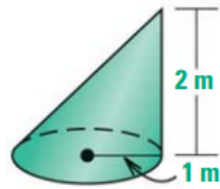
2.



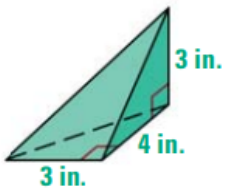
3.



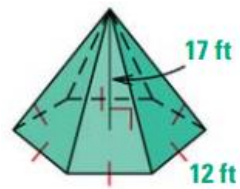
4.



5.

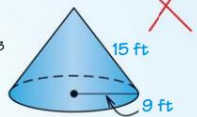


6.

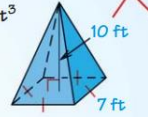


Describe and correct the error in finding the volume of the right cone or pyramid.

7.

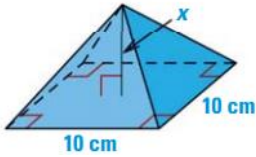
$$\begin{aligned}
 V &= \frac{1}{3}\pi(9^2)(15) \\
 &= 405\pi \\
 &\approx 1272 \text{ ft}^3
 \end{aligned}$$


8.

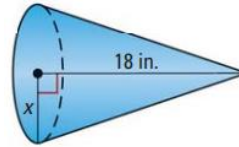
$$\begin{aligned}
 V &= \frac{1}{2}(49)(10) \\
 &= 245 \text{ ft}^3
 \end{aligned}$$


Find the value of x .

9. Volume = 200 cm^3

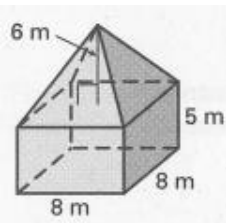


10. Volume = $216\pi \text{ in.}^3$



Find the volume of the solid. The prisms, pyramids and cones are right. Round your answer to the nearest hundredth.

11.



12.

