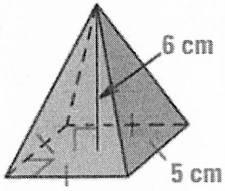


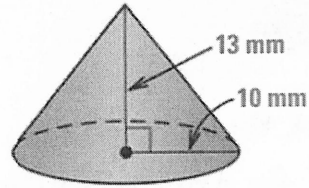
Find the volume of the solid. Round your answer to the nearest hundredth.

1.



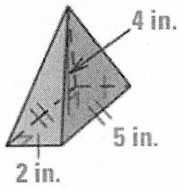
$$V = 50 \text{ cm}^3$$

2.



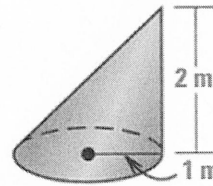
$$V = 1361.36 \text{ mm}^3$$

3.



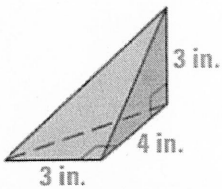
$$V = 13.33 \text{ in}^3$$

4.



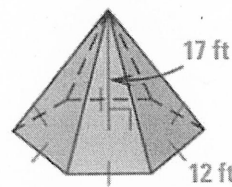
$$V = 2.09 \text{ m}^3$$

5.



$$V = 6 \text{ in}^3$$

6.



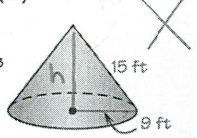
$$V = 2120.03 \text{ ft}^3$$

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

7.
$$V = \frac{1}{3}\pi(9^2)(15)$$

$$= 405\pi$$

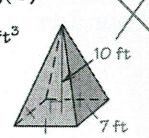
$$\approx 1272 \text{ ft}^3$$



15 ft is the slant height, but height is needed for the formula
 $\checkmark = ?$

8.
$$V = \frac{1}{2}(49)(10)$$

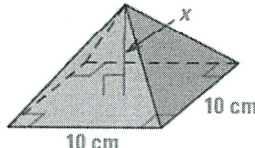
$$= 245 \text{ ft}^3$$



$\frac{1}{2}$ should be $\frac{1}{3}$
 $\checkmark = ?$

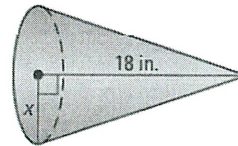
Find the value of x .

9. Volume = 200 cm^3



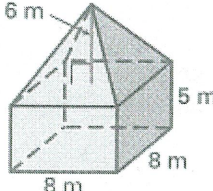
$x = 6 \text{ cm}$

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

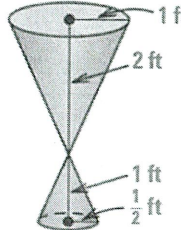


$x = 6 \text{ in}$

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

11. 

$V = 448 \text{ m}^3$

12. 

$V = 2.35 \text{ ft}^3$