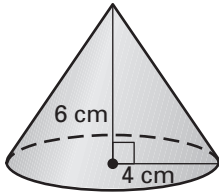
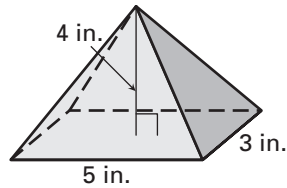


**LESSON**  
**12.5****Practice***For use with pages 828–837***Find the volume of the solid. Round your answer to two decimal places.**

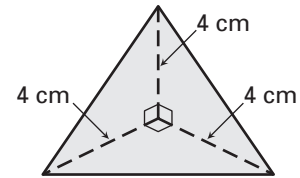
1.



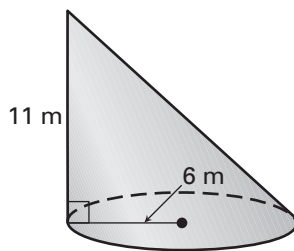
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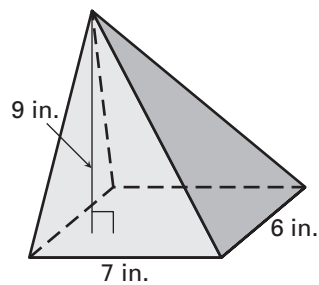
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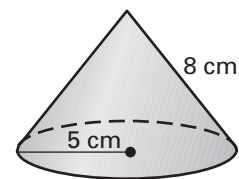
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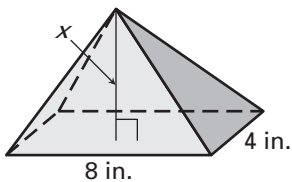
5.



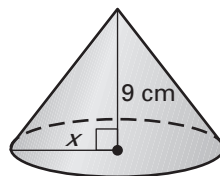
6.

**Find the value of  $x$ .**

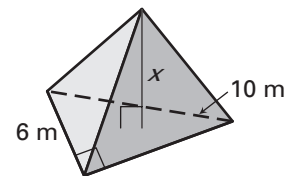
7.  $V = 64 \text{ in.}^3$



8.  $V = 147\pi \text{ cm}^3$



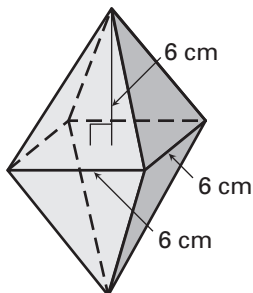
9.  $V = 56 \text{ m}^3$



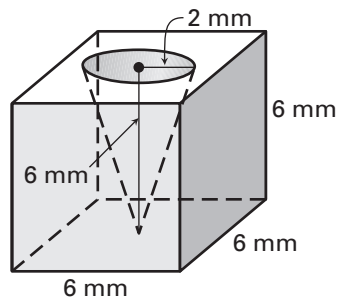


LESSON  
12.5**Practice** *continued*  
*For use with pages 828–837*

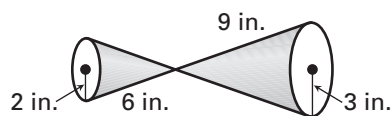
16.



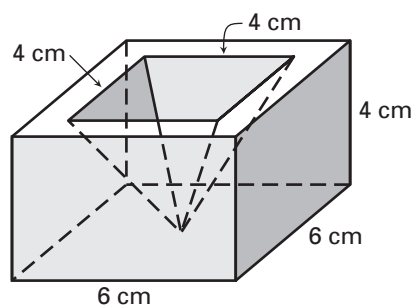
17.



18.



19.



- 20. Height of a Pyramid** A right pyramid with a square base has a volume of 16 cubic feet. The height is six times the base edge length. What is the height of the pyramid?

**In Exercises 21–23, use the following information.**

**Concrete** To complete a construction job, a contractor needs 78 cubic yards of concrete. The contractor has a conical pile of concrete mix that measures 22 feet in diameter and 12 feet high.

- 21.** How many cubic feet of concrete are available to the contractor?
- 22.** How many cubic yards of concrete are available to the contractor?
- 23.** Does the contractor have enough concrete to finish the job?