

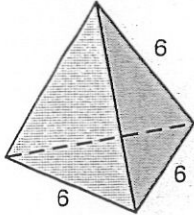
LESSON 11.7

Practice A

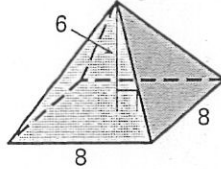
For use with the lesson "Volume of Pyramids and Cones"

Find the area of the base of the regular pyramid or cone.

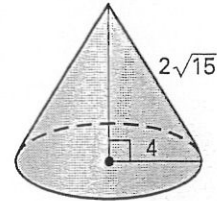
1.



2.

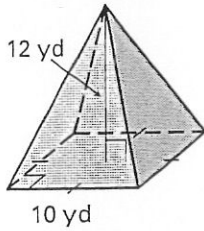


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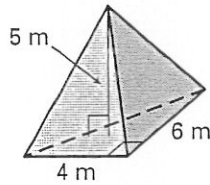


Find the volume of the pyramid. Round your answer to two decimal places.

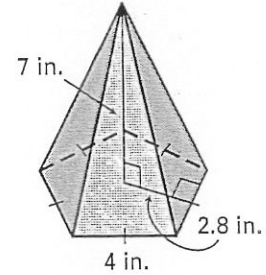
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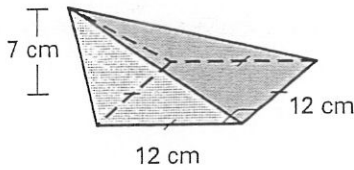
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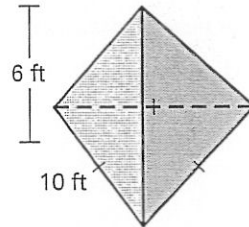
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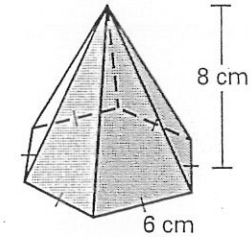
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8.

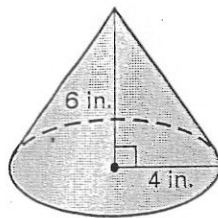


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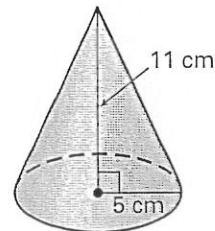


Find the volume of the cone. Round your answer to two decimal places.

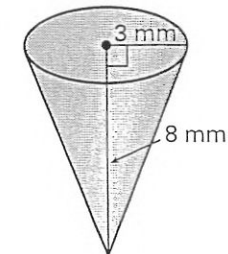
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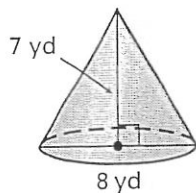
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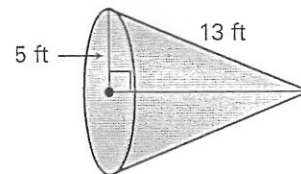
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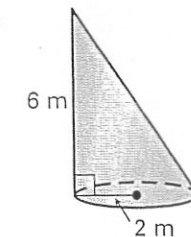
13.



14.



15.

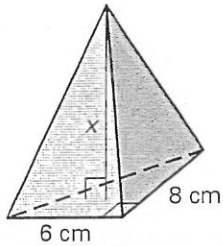


LESSON
11.7

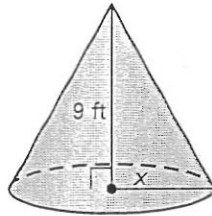
Practice A *continued*
For use with the lesson "Volume of Pyramids and Cones"

Find the value of x.

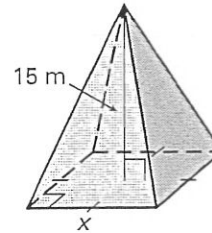
16. Volume = 80 cm^3



17. Volume = $75\pi \text{ ft}^3$



18. Volume = 605 m^3

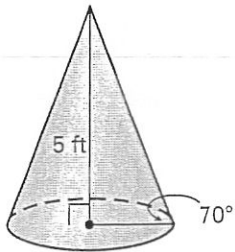


19. The volume of a pyramid is 24 cubic feet and the area of the base is 9 square feet. Find the height of the pyramid.

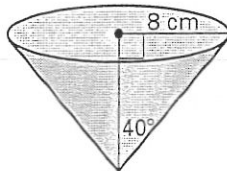
20. A right cone has a height of 15 meters and a slant height of 17 meters. Find the volume of the cone. Round your answer to two decimal places.

Find the volume of the right cone. Round your answer to two decimal places.

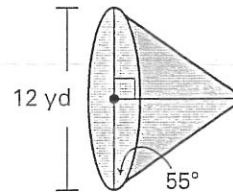
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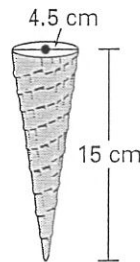
22.



23.



24. **Ice Cream Cone** Find the volume of the ice cream cone shown.



25. **Sand** A truck has hauled 48 cubic feet of sand to a building site. The sand is dumped into a conical shape 4 feet high. What is the diameter?

