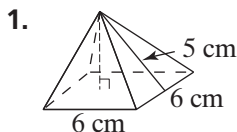


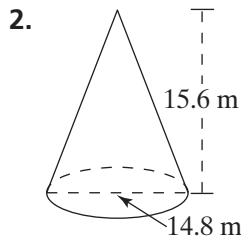
# Practice 9-3

## Volumes of Pyramids and Cones

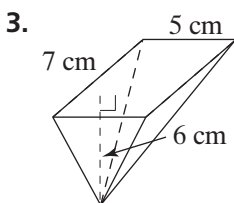
Find the volume of each figure to the nearest cubic unit.



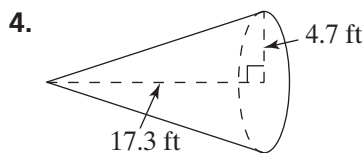
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Find the missing dimension for each three-dimensional figure to the nearest tenth, given the volume and other dimensions.

5. rectangular pyramid,  
 $l = 8 \text{ m}, w = 4.6 \text{ m}, V = 88 \text{ m}^3$

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6. cone,  $r = 5 \text{ in.}, V = 487 \text{ in.}^3$

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7. square pyramid,  $s = 14 \text{ yd}, V = 489 \text{ yd}^3$

\_\_\_\_\_

8. square pyramid,  $h = 8.9 \text{ cm}, V = 56 \text{ cm}^3$

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9. Find the volume of a 4 ft by 2 ft by 3 ft rectangular prism with a cylindrical hole, radius 6 in., through the center.

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