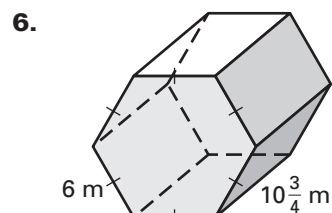
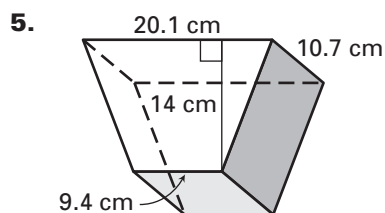
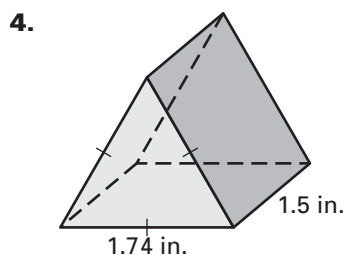
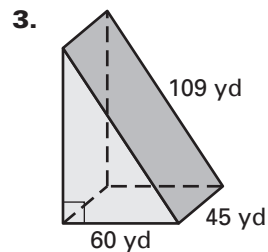
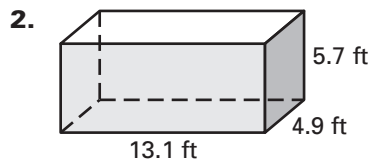
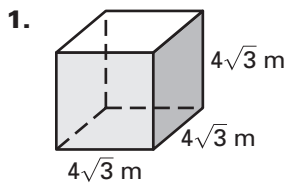


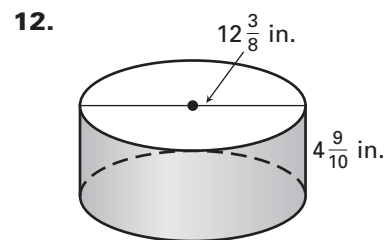
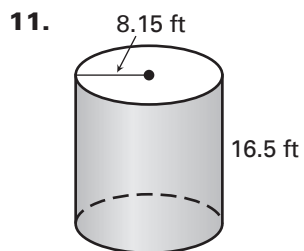
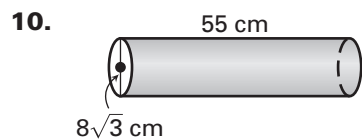
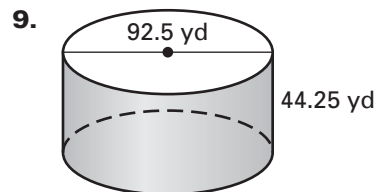
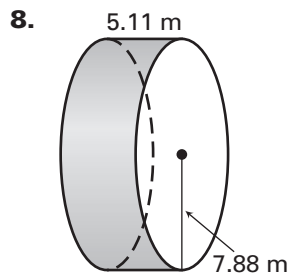
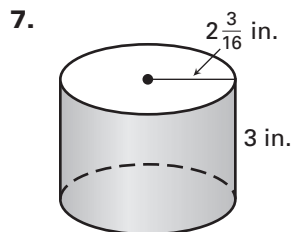
LESSON
12.4**Practice C**

For use with pages 819–825

Find the volume of the right prism. Round your answer to two decimal places, if necessary.

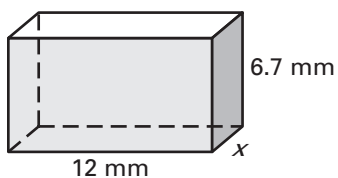


Find the volume of the right cylinder. Round your answer to two decimal places.

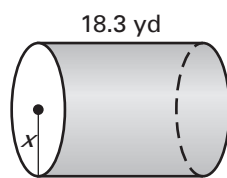


Find the length x using the given volume V .

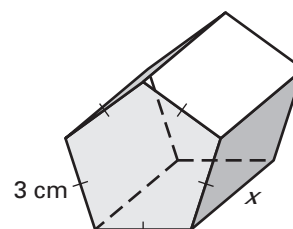
13. $V = 281.4 \text{ mm}^3$



14. $V = 3148 \text{ yd}^3$



15. $V = 78 \text{ cm}^3$



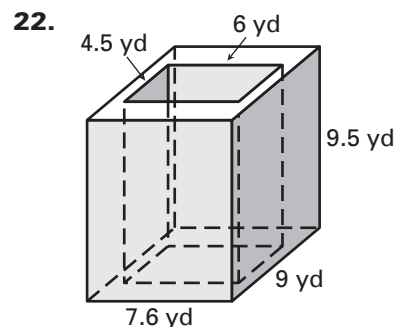
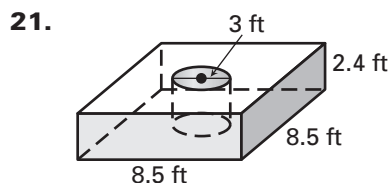
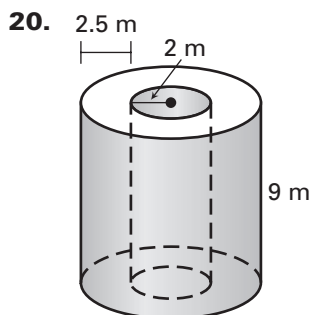
LESSON
12.4**Practice C** *continued*
For use with pages 819–825

16. The volume of a cube is $91\frac{1}{8}$ cubic centimeters. Find the side length.
17. The volume of a right cylinder is 1614.48π cubic inches and the height is 10.5 inches. Find the radius.

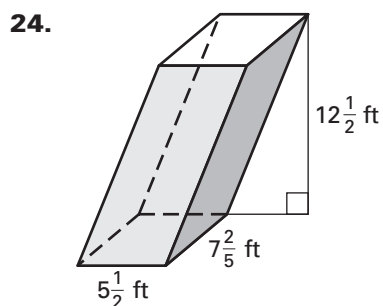
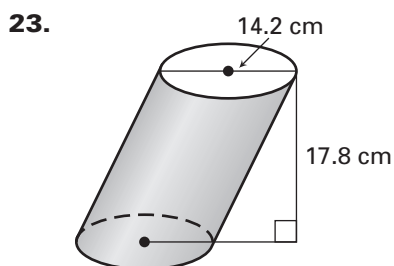
Sketch the described solid and find its volume. Round your answer to two decimal places, if necessary.

18. A right pentagonal prism has a base edge length of 3.4 feet and a height of 8 feet.
19. An oblique cylinder has a radius of 9.6 meters and a height of 22.3 meters.

Find the volume of the solid. The prisms and cylinders are right. Round your answer to two decimal places, if necessary.



Use Cavalieri's Principle to find the volume of the oblique prism or cylinder. Round your answer to two decimal places.



25. **Doghouse** Find the volume of the doghouse shown.

