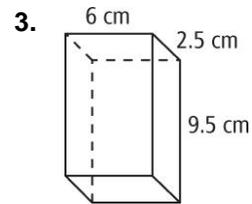


11-4 Practice

Volumes of Prisms and Cylinders

Form G

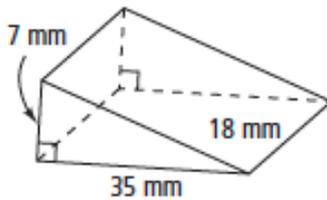
Find the volume of each rectangular prism.



8. The base is a rectangle with length 3.2 cm and width 4 cm. The height is 10 cm.

Find the volume of each triangular prism to the nearest tenth.

9.

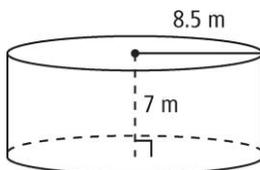


12. The base is a right triangle with a leg of 12 in. and hypotenuse of 15 in. The height of the prism is 10 in.

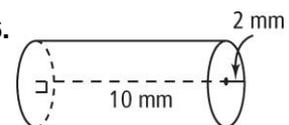
13. The base is a 30° - 60° - 90° triangle with a hypotenuse of 10 m. The height of the prism is 15 m. Find the volume to the nearest tenth.

Find the volume of each cylinder in terms of π and to the nearest tenth.

14.

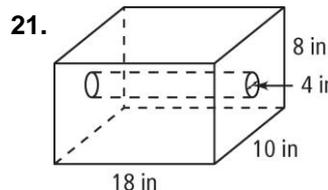
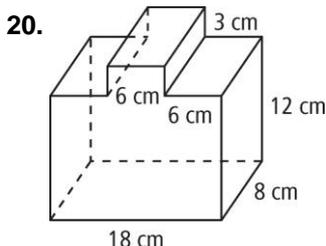
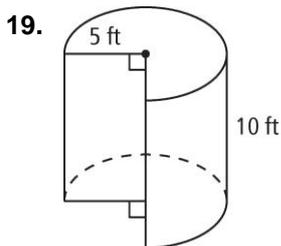


16.

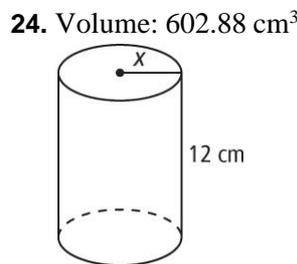
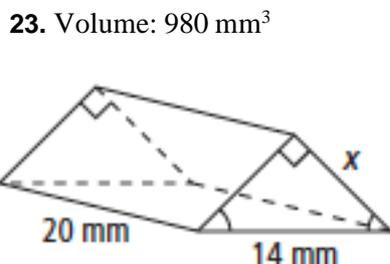


18. a right cylinder with a diameter of 8 ft and a height of 15 ft.

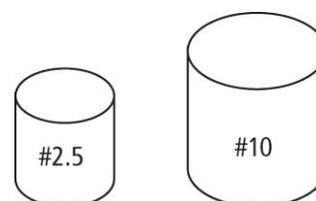
Find the volume of each composite figure to the nearest whole number.



Find the value of x to the nearest tenth.



26. A No. 10 can has a diameter of 15.5 cm and a height of 17.5 cm. A No. 2.5 can has a diameter of 9.8 cm and a height of 11 cm. What is the difference in volume of the two can types, to the nearest cubic centimeter?



25. What is the volume of the solid figure formed by the net?

