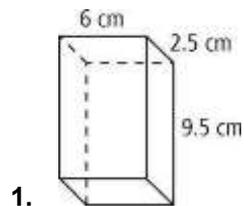


HW-54

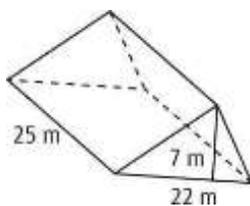
Volumes of Prisms and Cylinders

Find the volume of each rectangular prism.



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

3. Find the volume of each triangular prism to the nearest ten



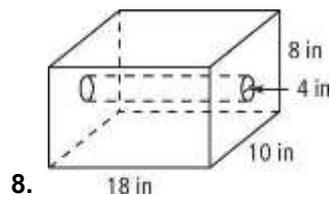
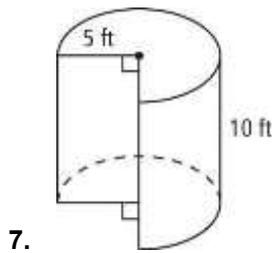
4. The base is a right triangle with a leg of 12 in. and hypotenuse of 15 in. The height of the prism is 10 in.

5. 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 the cylinder in terms of π and to the nearest tenth.

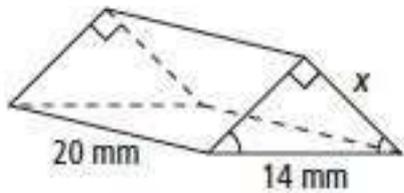
6. a right cylinder with a diameter of 8 ft and a height of 15 ft.

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



Find the value of x to the nearest tenth.

23. Volume: 980 mm^3



24. Volume: 602.88 cm^3

