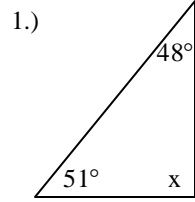
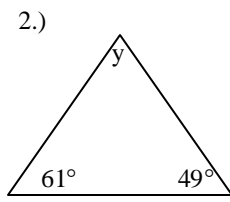


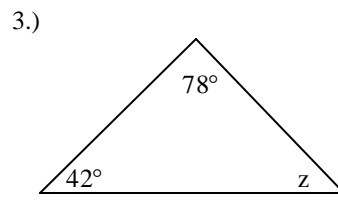
Find the missing angles



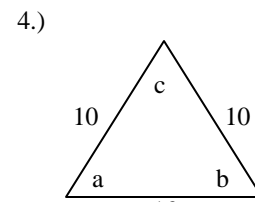
$x = \underline{\hspace{2cm}}$



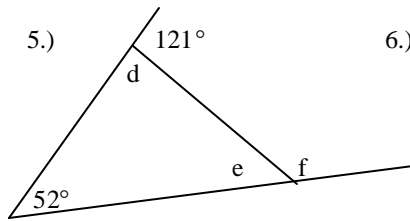
$y = \underline{\hspace{2cm}}$



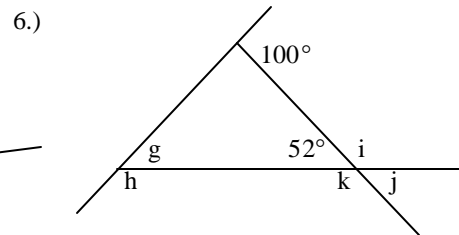
$z = \underline{\hspace{2cm}}$



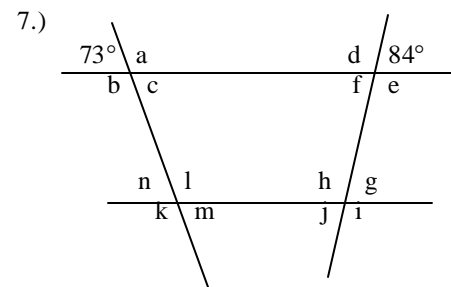
$a = \underline{\hspace{2cm}}$   
 $b = \underline{\hspace{2cm}}$   
 $c = \underline{\hspace{2cm}}$



$d = \underline{\hspace{2cm}}$   
 $e = \underline{\hspace{2cm}}$   
 $f = \underline{\hspace{2cm}}$

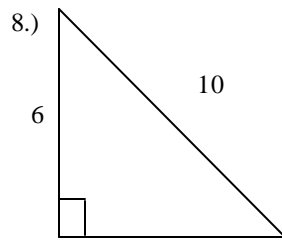


$g = \underline{\hspace{2cm}}$     $h = \underline{\hspace{2cm}}$   
 $i = \underline{\hspace{2cm}}$     $j = \underline{\hspace{2cm}}$   
 $k = \underline{\hspace{2cm}}$

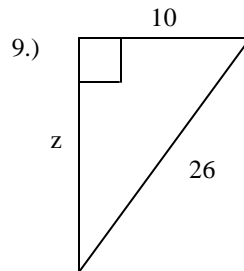


$a = \underline{\hspace{2cm}}$     $b = \underline{\hspace{2cm}}$     $c = \underline{\hspace{2cm}}$   
 $d = \underline{\hspace{2cm}}$     $e = \underline{\hspace{2cm}}$     $f = \underline{\hspace{2cm}}$   
 $g = \underline{\hspace{2cm}}$     $h = \underline{\hspace{2cm}}$     $i = \underline{\hspace{2cm}}$   
 $j = \underline{\hspace{2cm}}$     $k = \underline{\hspace{2cm}}$     $l = \underline{\hspace{2cm}}$   
 $m = \underline{\hspace{2cm}}$     $n = \underline{\hspace{2cm}}$

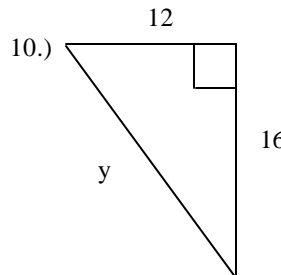
Find the missing sides.



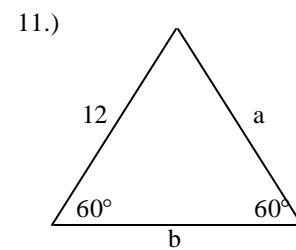
$x = \underline{\hspace{2cm}}$



$z = \underline{\hspace{2cm}}$

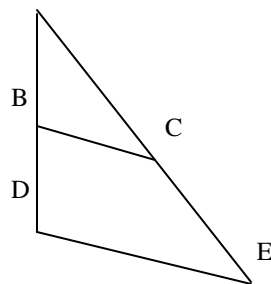


$y = \underline{\hspace{2cm}}$

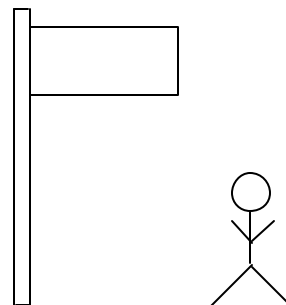


$a = \underline{\hspace{2cm}}$     $b = \underline{\hspace{2cm}}$

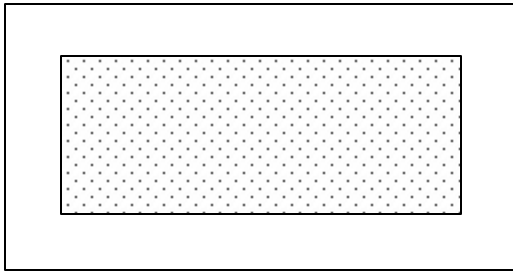
12.) Given that  $\overline{BC} \parallel \overline{DE}$ ,  $\overline{AB} = 6$ ,  $\overline{BC} = 4$ , and  $\overline{BD} = 8$ , find  $\overline{DE}$ .



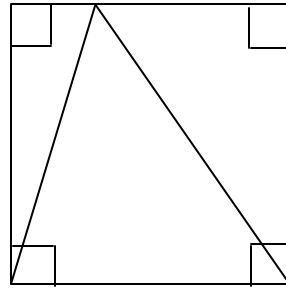
13.) If the 6 foot man casts a shadow 4 feet long and the flag pole casts a shadow 28 feet long, how tall is the pole?



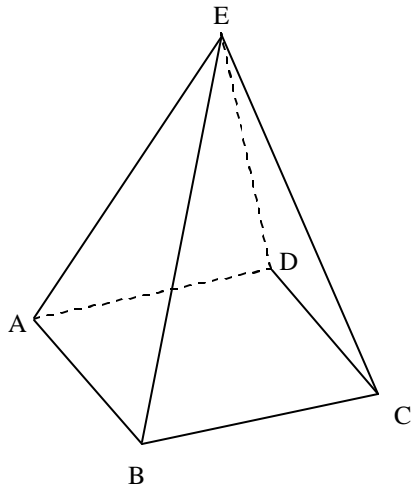
14.) If the flower bed inside the sidewalk is 20 feet long and 10 feet wide, what is the area of the sidewalk?



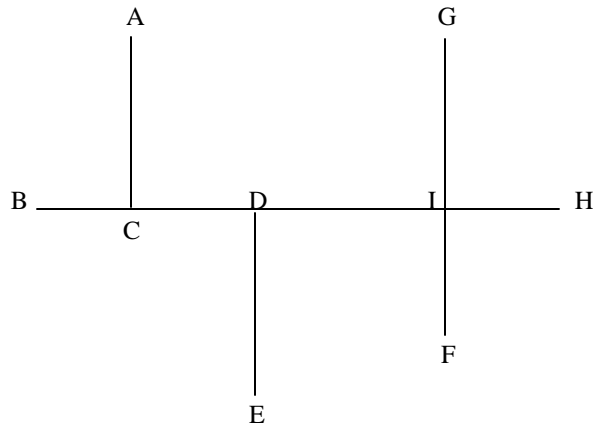
15.) What is the area of triangle ABC? The figure is a square



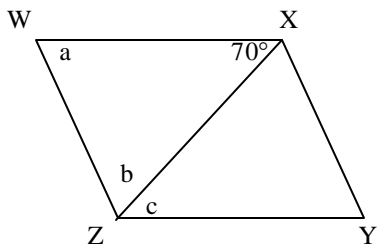
16.) The pyramid has a square base, 8 inches on a side. If  $\overline{AE}$  is 18 inches, what is the vertical height of the pyramid?



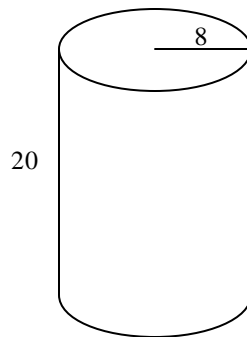
17.) If  $\overline{AC} \parallel \overline{DE}$  and  $\overline{DE} \perp \overline{BH}$ , what is the measure of angle ACB?



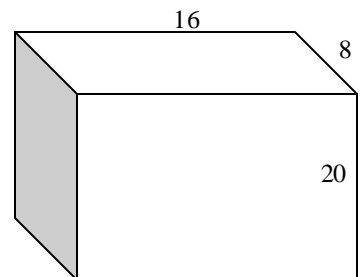
18.) Figure WXYZ is a parallelogram. Find the measures of a, b, and c.



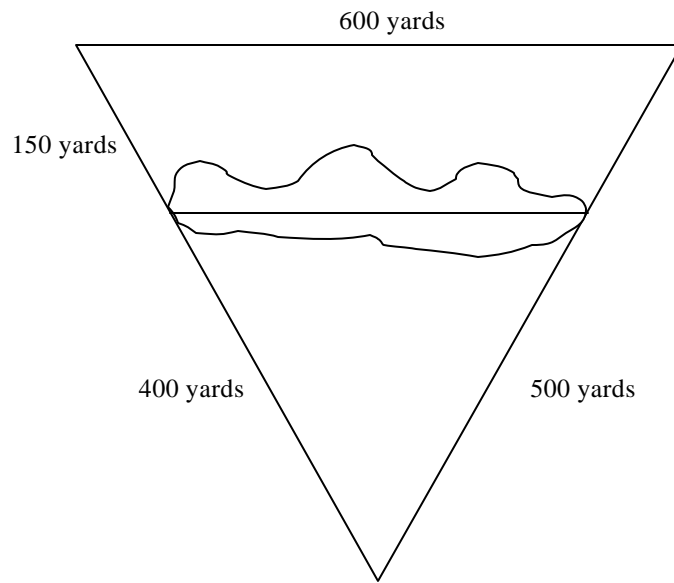
19.) What is the volume of the can?



20.) What is the volume of the box?



21.) Joe wants to know the length of the lake. He measured the distances on shore as shown. Find the length of the lake.



Find the area of each figure.

