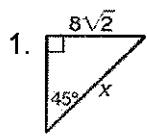
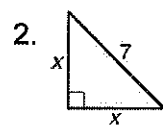


5.8 AND 8.2 PRACTICE

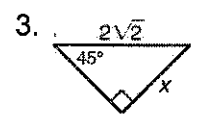
Find the value of  $x$  in each figure. Give your answer in simplest radical form.



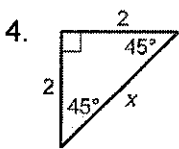
$x = 16$



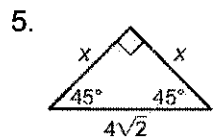
$x = \frac{7\sqrt{2}}{2}$



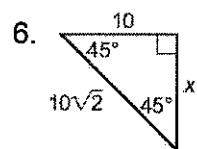
$x = 2$



$x = 2\sqrt{2}$

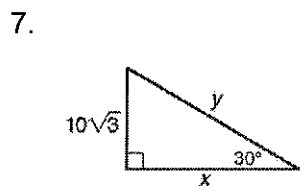


$x = 4$

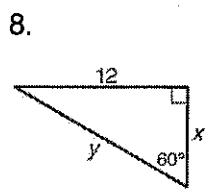


$x = 10$

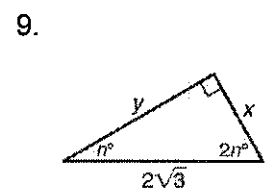
Find the values of  $x$  AND  $y$ . Give your answers in simplest radical form.



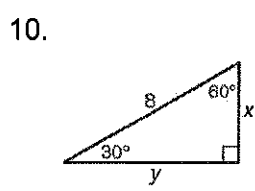
$x = 30$   
 $y = 20\sqrt{3}$



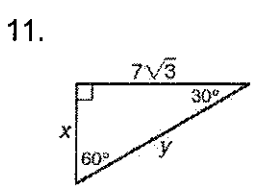
$x = 4\sqrt{3}$   
 $y = 8\sqrt{3}$



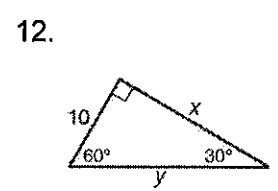
$x = \sqrt{3}$   
 $y = 3$



$x = 4$   
 $y = 4\sqrt{3}$



$x = 7$   
 $y = 14$



$x = 10\sqrt{3}$   
 $y = 20$