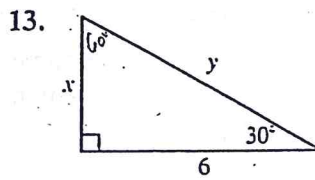
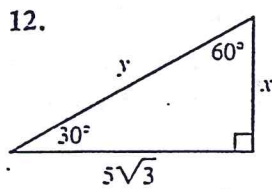
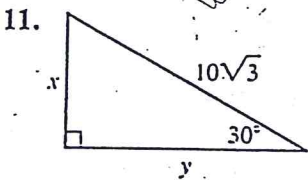
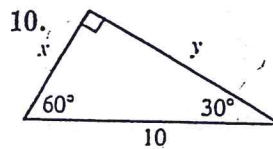
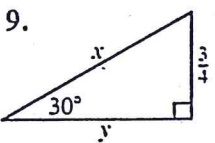
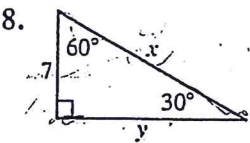
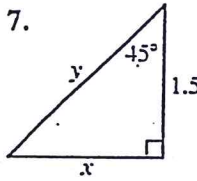
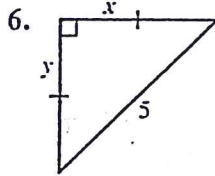
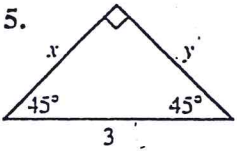
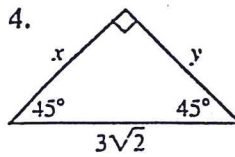
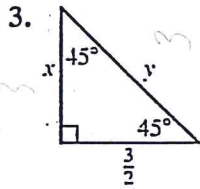
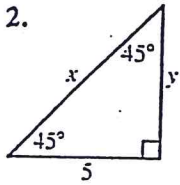


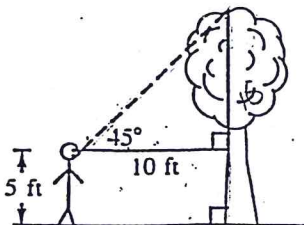
Find the missing lengths  $x$  and  $y$ .



14. How far up the side of the house will this 18-ft ladder touch if the measure of  $\angle A$  is  $45^\circ$ ?  $60^\circ$ ?  $30^\circ$ ? Give answers in simplified radical form and in decimal form to the nearest hundredth.



21. Find the height of the tree.



22. Find  $c$ ,  $d$ ,  $e$ ,  $f$ , and  $g$  in this corner.

