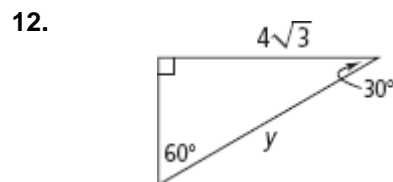
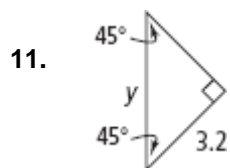
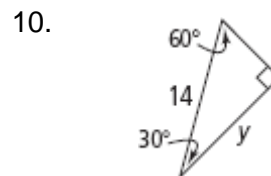
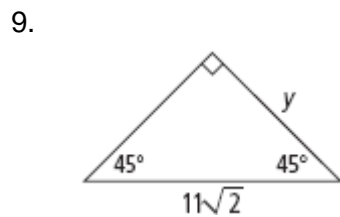
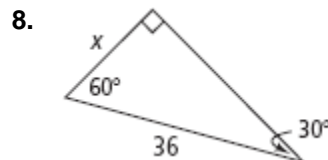
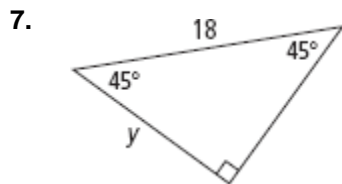
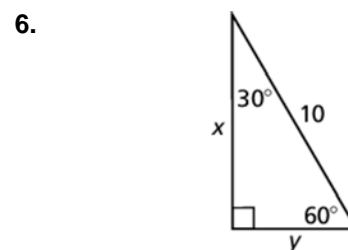
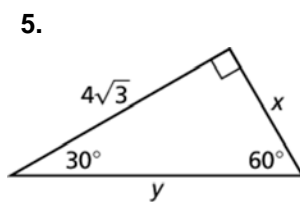
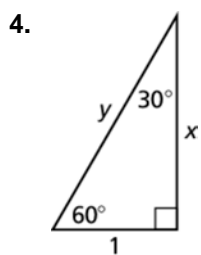
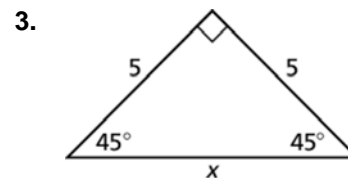
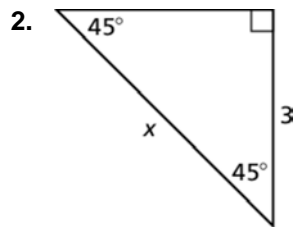
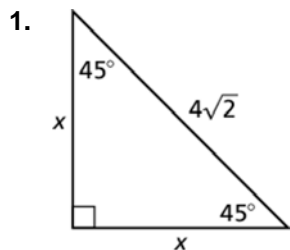


Special Right Triangles

Practice and Problem Solving: A/B

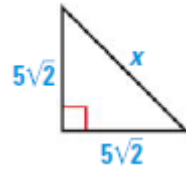
Find the value of each variable. Write your answer in simplest radical form.



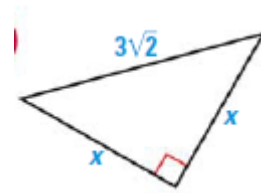
13.



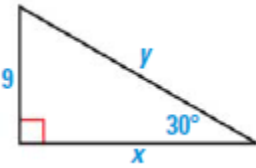
14.



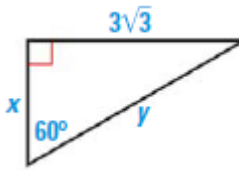
15.



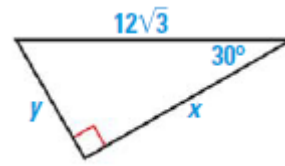
16.



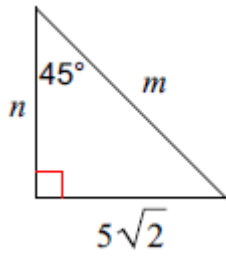
17.



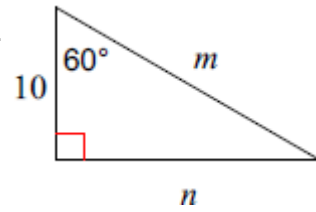
18.



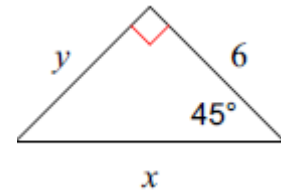
19.



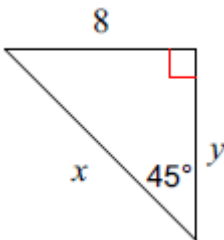
20.



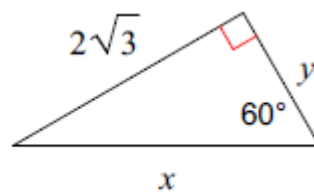
21.



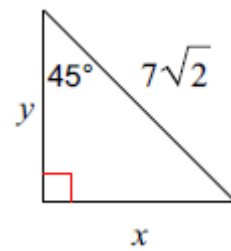
22.



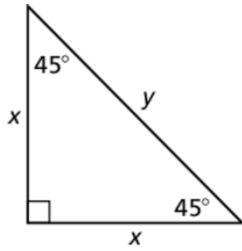
23.



24.

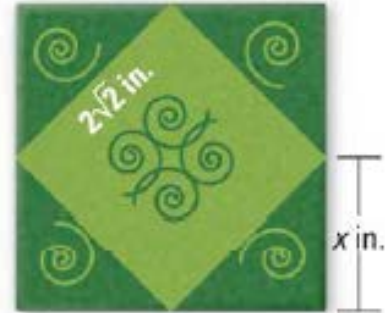


25.

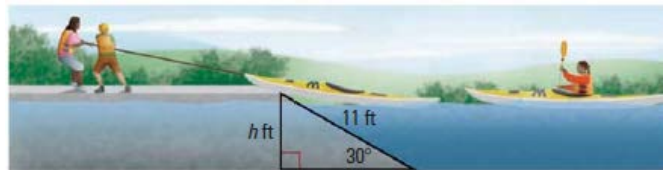


x	5		$\sqrt{2}$	
y		$4\sqrt{2}$		24

26. The square tile shown has painted corners in the shape of congruent $45^\circ\text{-}45^\circ\text{-}90^\circ$ triangles. What is the value of x ? What is the side length of the tile?

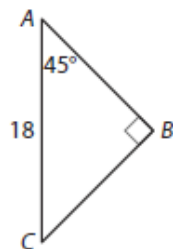


27. A ramp is used to launch a kayak. What is the height of an 11 foot ramp when its angle is 30° as shown?

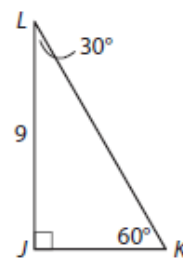


Find the lengths of the other two sides. Write your answer in simplest radical form.

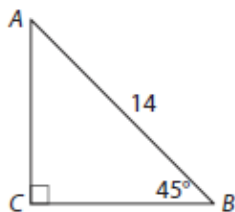
5.



6.



9.



10.

