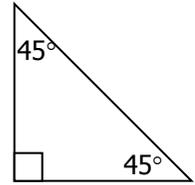


Practice Problems: Special Right Triangles

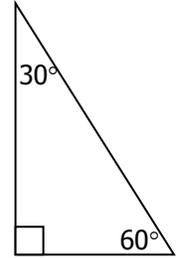
45°-45°-90° Theorem:

formula _____



30°-60°-90° Theorem:

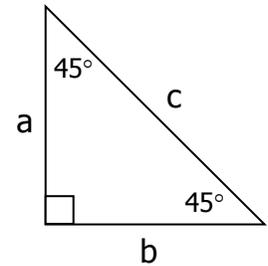
formulas _____



Complete the table.

1. 2. 3. 4.

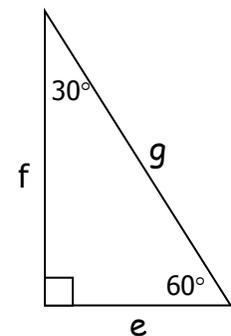
a	3			
b				
c		$5\sqrt{2}$	12	9



Complete the table.

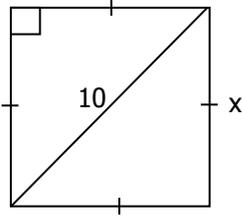
5. 6. 7. 8. 9.

e	10				
f			$5\sqrt{3}$	12	15
g		24			

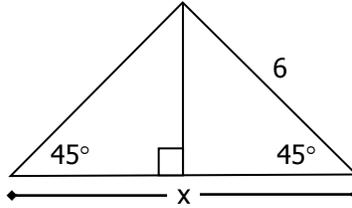


Find the value of x.

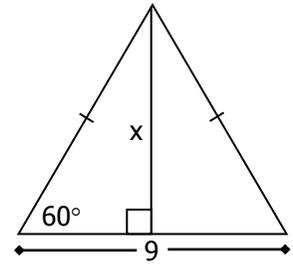
10) $x = \underline{\hspace{2cm}}$



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

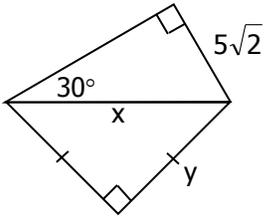


12) $x = \underline{\hspace{2cm}}$

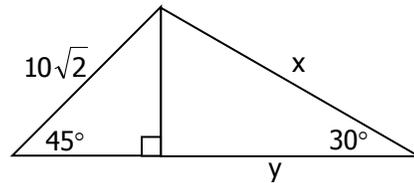


Find the values of x and y.

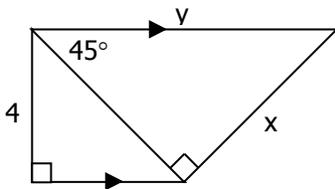
13) $x = \underline{\hspace{2cm}}, y = \underline{\hspace{2cm}}$



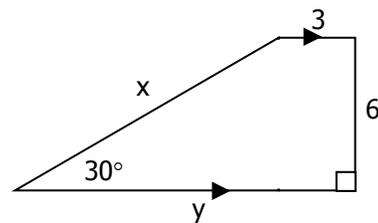
14) $x = \underline{\hspace{2cm}}, y = \underline{\hspace{2cm}}$



15) $x = \underline{\hspace{2cm}}, y = \underline{\hspace{2cm}}$



16) $x = \underline{\hspace{2cm}}, y = \underline{\hspace{2cm}}$



17) Find the perimeter of an equilateral triangle if an altitude has length $7\sqrt{3}$.

17) $\underline{\hspace{2cm}}$