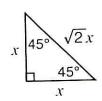
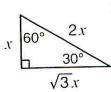
Remember

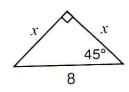


1. In a 45°-45°-90° right triangle, the hypotenuse is $\sqrt{2}$ times as long as each leg.



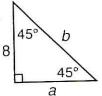
2. In a 30°-60°-90° right triangle, the hypotenuse is twice as long as the short leg. The long leg is $\sqrt{3}$ times as long as the short leg.

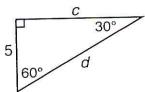
Example: Find the missing lengths.



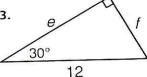
 $\sqrt{2}x = 8$ $x = \frac{8}{\sqrt{2}}$

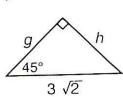
Use the 30°-60°-90° and the 45°-45°-90° triangle relationships to solve for the missing sides. Follow your answers in alphabetical order through the maze.



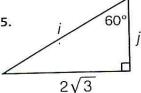


3.

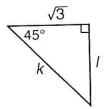




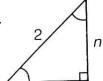
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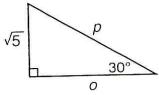


6.

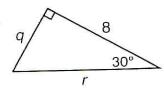


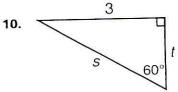
7.

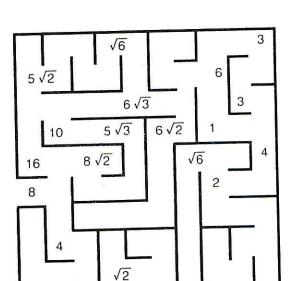


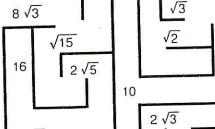


9.









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