



Math on the Fly!

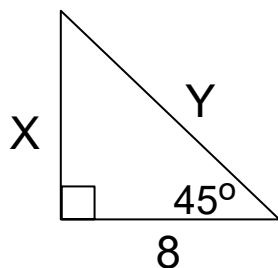


NAME: _____ DATE: _____

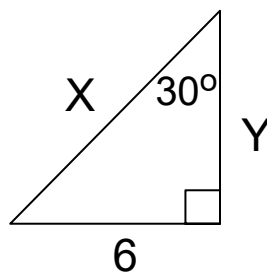
Special Right Triangles

Find the unknown sides of each triangle.

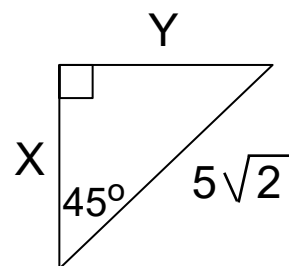
1.



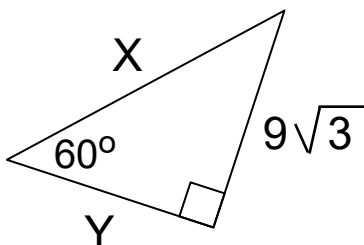
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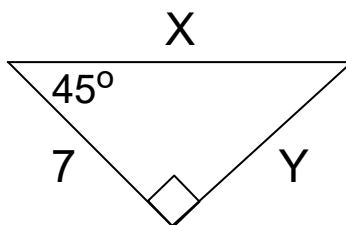
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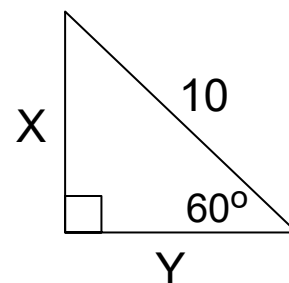
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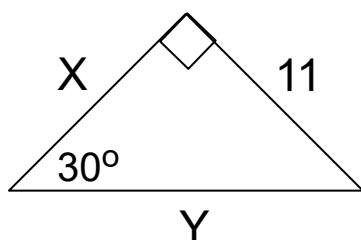
5.



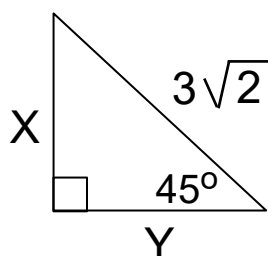
6.



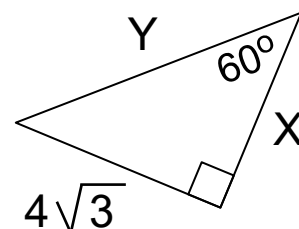
7.



8.



9.



SOLUTIONS

1. $X = 8, Y = 8\sqrt{2}$

2. $X = 12, Y = 6\sqrt{3}$

3. $X = 5, Y = 5$

4. $X = 18, Y = 9$

5. $X = 7\sqrt{2}, Y = 7$

6. $X = 5\sqrt{3}, Y = 5$

7. $X = 11\sqrt{3}, Y = 22$

8. $X = 3, Y = 3$

9. $X = 4, Y = 8$