

Geometry

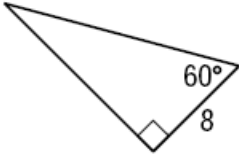
8.3 Special Right Triangles

Name: _____

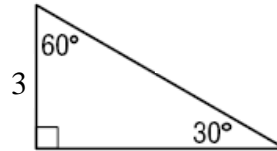
Date: _____ Hour: _____

Find the missing side lengths in each triangle.

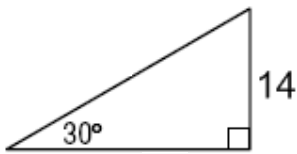
1)



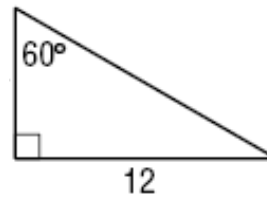
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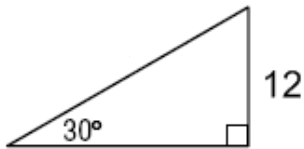
3)



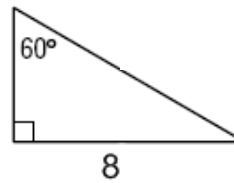
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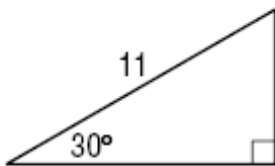
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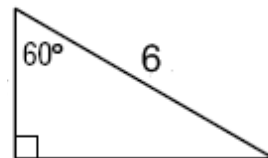
6)



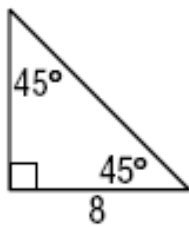
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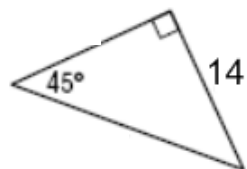
8)



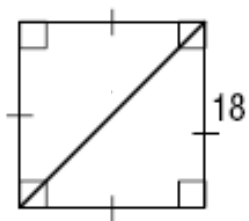
9)



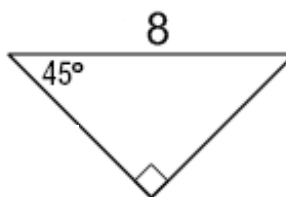
10)



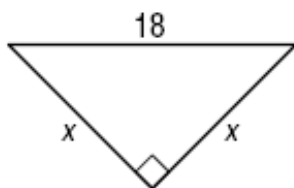
11)



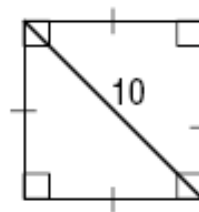
12)



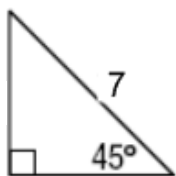
13)



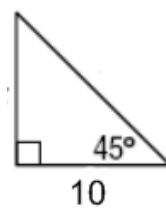
14)



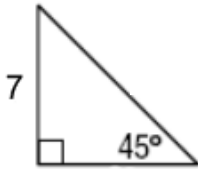
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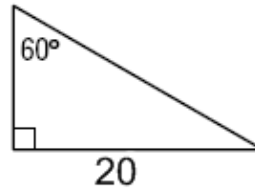
16)



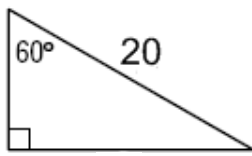
17)



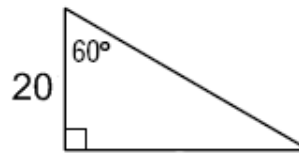
18)



19)



20)



Sketch the figure that is described. Find the requested measure.

21) The perimeter of a square is 48 meters. Find the length of a diagonal.

22) The perimeter of a square is 20 cm. Find the length of a diagonal.

23) An equilateral triangle has a side length of 10 inches. Find the length of the altitude.

24) The altitude of an equilateral triangle is 18 inches. Find the length of a side.