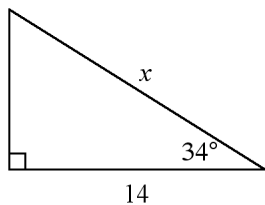


Geo Chapter 8 Quiz(Pythag Thm, Special Triangles, Trig)

Short Answer

Find the value of x . Round to the nearest tenth.

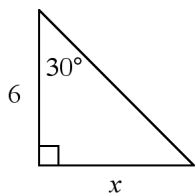
1.



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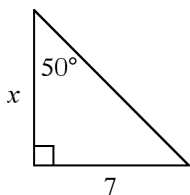
Find the value of x . Round your answer to the nearest tenth.

2.



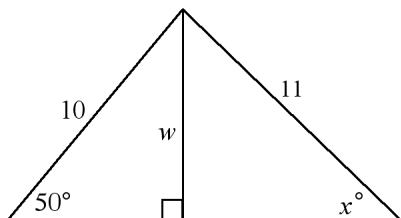
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3.



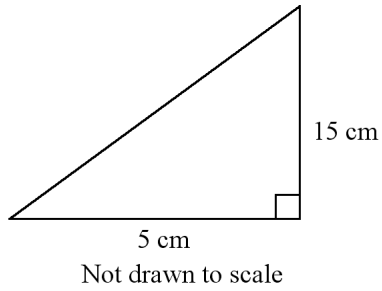
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4. Find the value of w and then x . Round lengths to the nearest tenth and angle measures to the nearest degree.

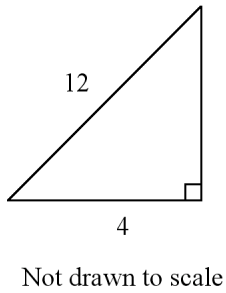
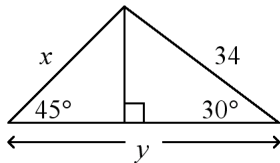


Find the length of the missing side. Leave your answer in simplest radical form.

5.



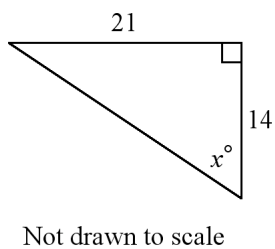
6.

7. Find the value of x and y rounded to the nearest tenth.

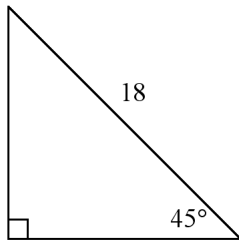
8. A triangle has side lengths of 8 cm, 15 cm, and 17 cm. Classify it as acute, obtuse, or right.

Find the value of x to the nearest degree.

9.



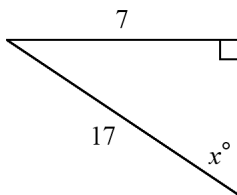
10. Find the length of the leg. If your answer is not an integer, leave it in simplest radical form.



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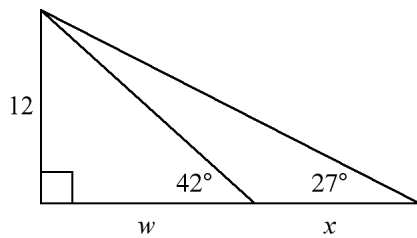
Find the value of x . Round to the nearest degree.

- 11.



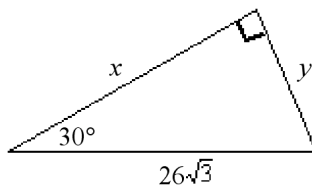
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12. Find the value of w , then x . Round lengths of segments to the nearest tenth.



Find the value of the variable(s). If your answer is not an integer, leave it in simplest radical form.

- 13.

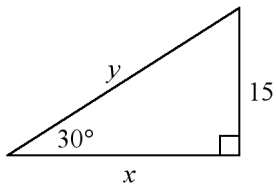


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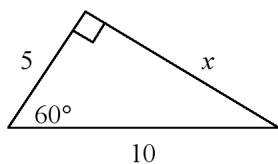
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14.



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15.



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16. Find the length of the hypotenuse.

