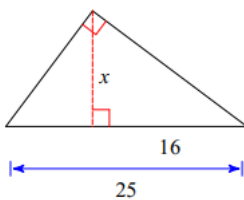


8.1 Geometric Mean and Pythagorean Theorem

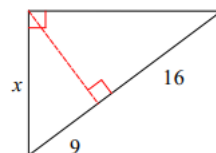
Date _____ Period _____

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

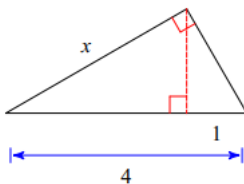
1)



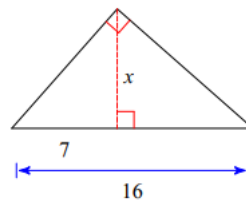
2)



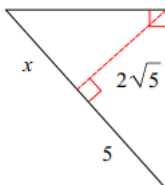
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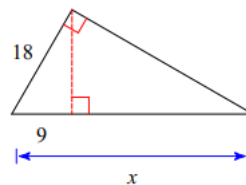
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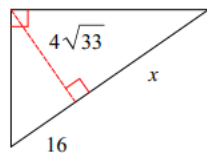
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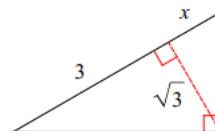
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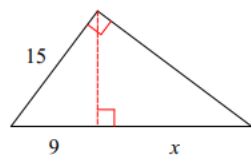
7)



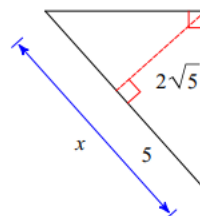
8)



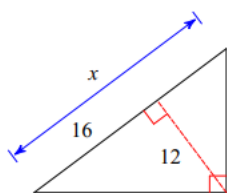
9)



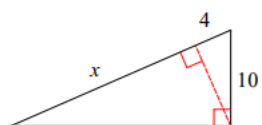
10)



11)

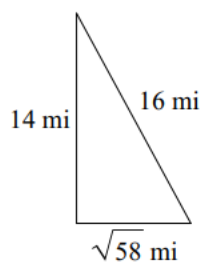


12)

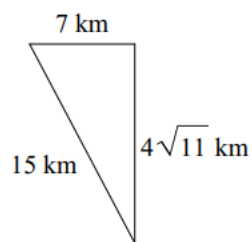


State if each triangle is a right triangle.

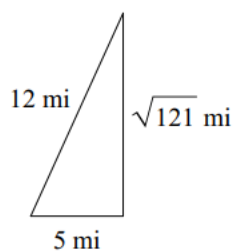
13)



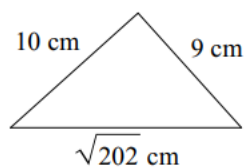
14)



15)

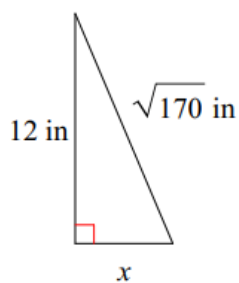


16)

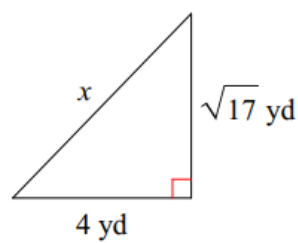


Find the missing side of each triangle. Leave your answers in simplest radical form.

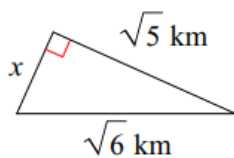
17)



18)



19)



20)

