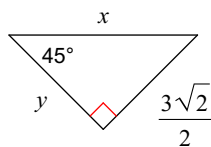


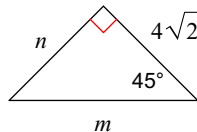
SM2-A HW #9-5 (solve 45-45-90 triangles)

Find the missing side lengths. Leave your answers as radicals in simplest form. You must provide your own 45-45-90 "reference triangle" (HINT: "one-one-two-root"). Solve either using the "scale factor method" or the "write a proportion method".

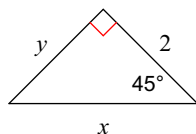
1)



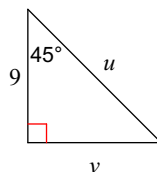
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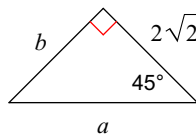
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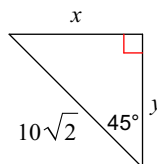
4)



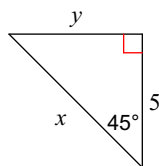
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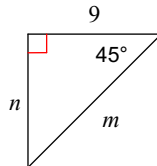
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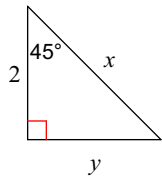
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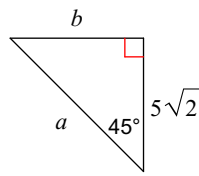
8)



9)

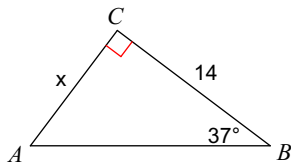


10)

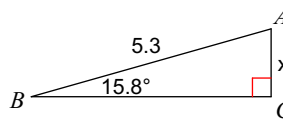


**Find the measure of each side indicated. Round to the nearest tenth.**

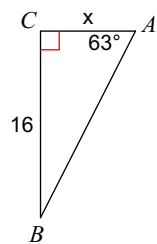
11)



12)



13)



14)

