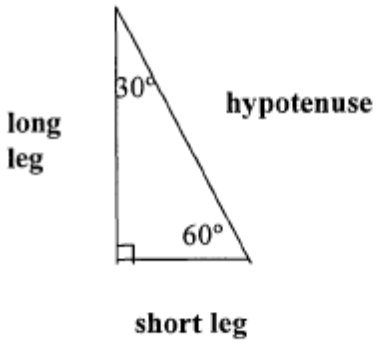
Geometry
Notes Lesson 5.8

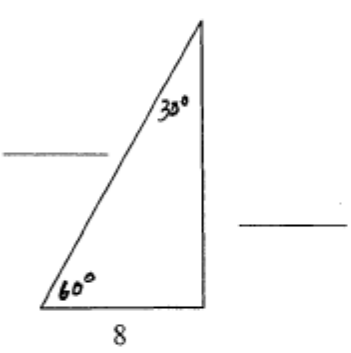
Relationships in 30°-60°-90° Triangles:

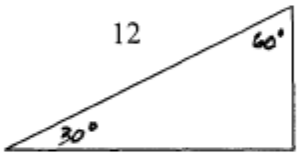


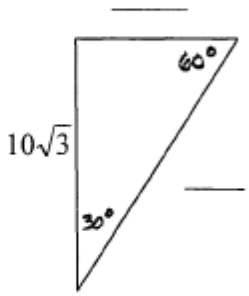
Hypotenuse = twice the short leg

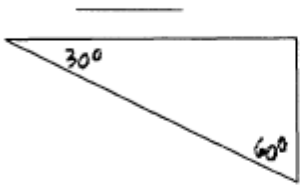
Long leg = short leg * $\sqrt{3}$

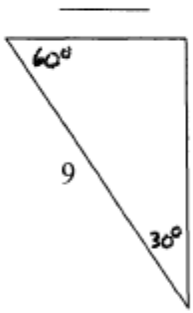
Find the missing sides of the triangles. Each triangle measures 30-60-90°. Leave answers in simplified radical form.

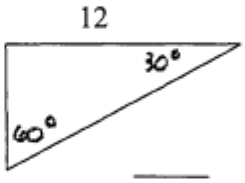


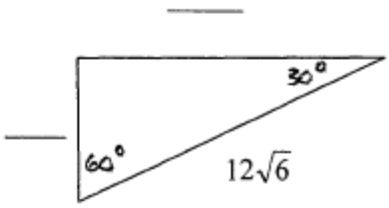


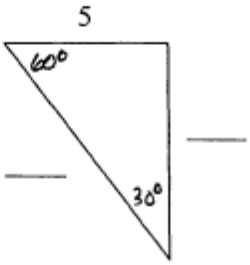




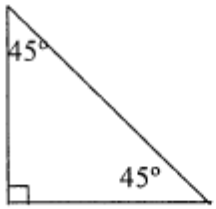






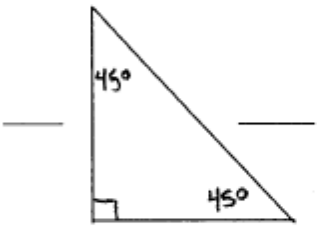


Relationships in 45°-45°-90° Triangles:



Hypotenuse = leg * $\sqrt{2}$

Find the missing sides of the triangles. Each triangle measures 45-45-90°. Leave answers in simplified radical form.



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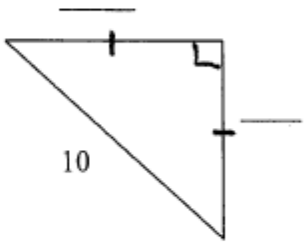

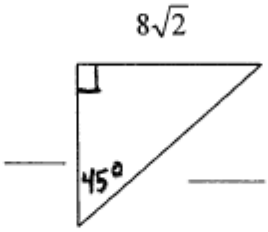

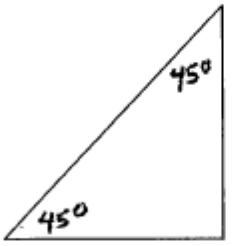

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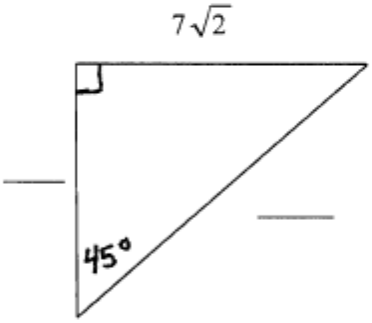

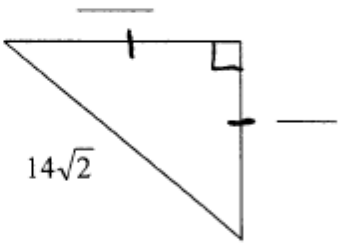

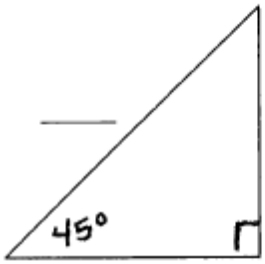

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