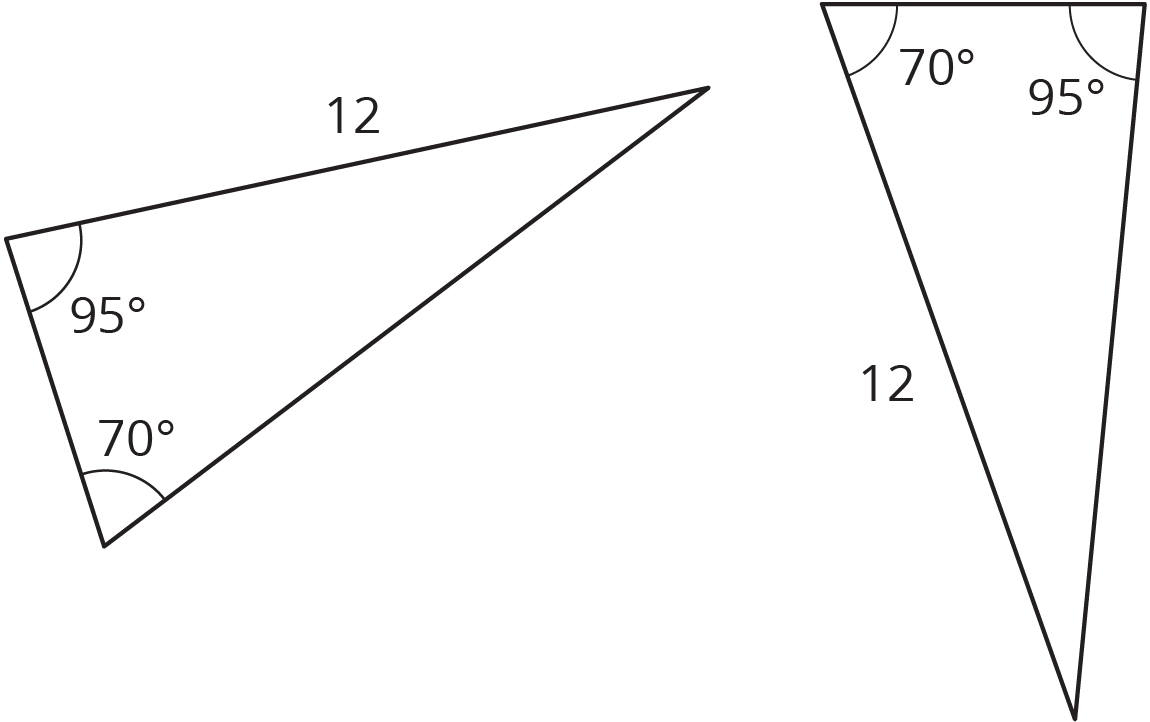
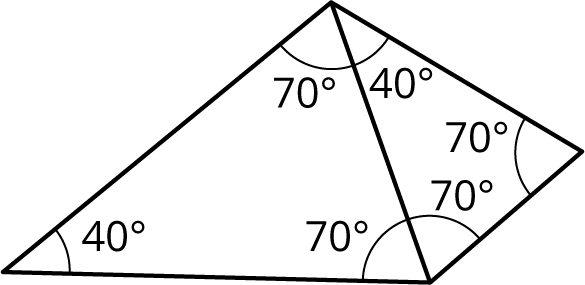
## Unit 1 Lesson 16 Cumulative Practice Problems

1. Are these two triangles identical? Explain how you know.

* 

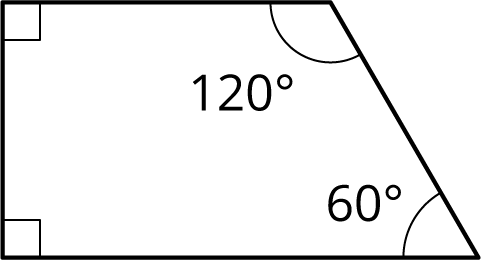
1. Are these triangles identical? Explain your reasoning.

* 

1. Tyler claims that if two triangles each have a side length of 11 units and a side length of 8 units, and also an angle measuring , they must be identical to each other. Do you agree? Explain your reasoning.
   1. Draw segment .
   2. When is rotated around point , the resulting segment is the same as . Where could point be located?

* (From Unit 1, Lesson 7.)

1. Here is trapezoid .

* 
* Using rigid transformations on the trapezoid, build a pattern. Describe some of the rigid transformations you used.
* (From Unit 1, Lesson 9.)



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