

Algebra

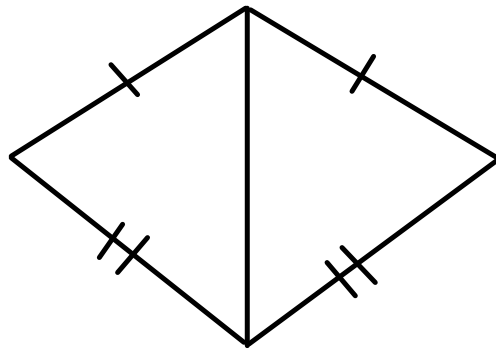
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What is the difference between a function and a relation? Give an example of a relation that is not a function.

Geometry

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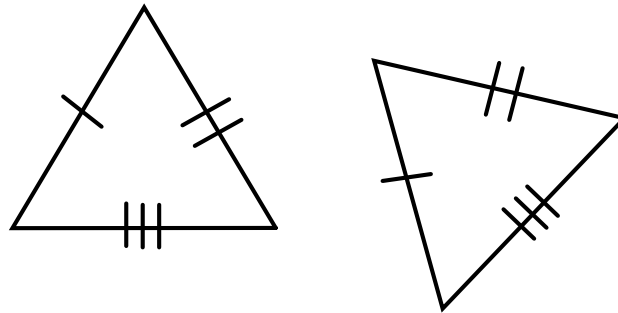
Are the following two triangles congruent? Explain why or why not?



It turns out that, in general, we only need to know three congruences to show that two triangles are congruent. However, it is not just any three congruences.

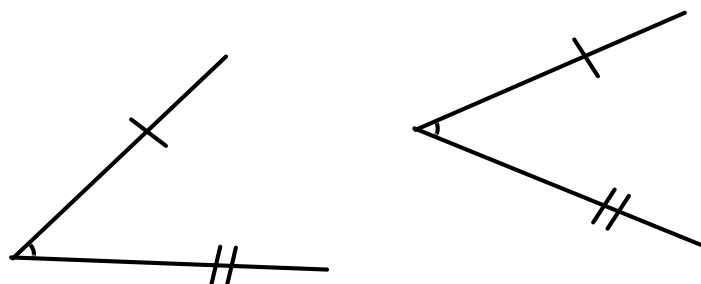
Postulate 4-1 Side-Side-Side (SSS) Postulate

If the three sides of one triangle are congruent to the three sides of another triangle, then the two triangles are congruent.



Postulate 4-2 Side-Angle-Side (SAS) Postulate

If two sides and the included angle of one triangle are congruent to two sides and the included angle of another triangle, then the two triangles are congruent.



Pg. 189, #2-54 (e)