



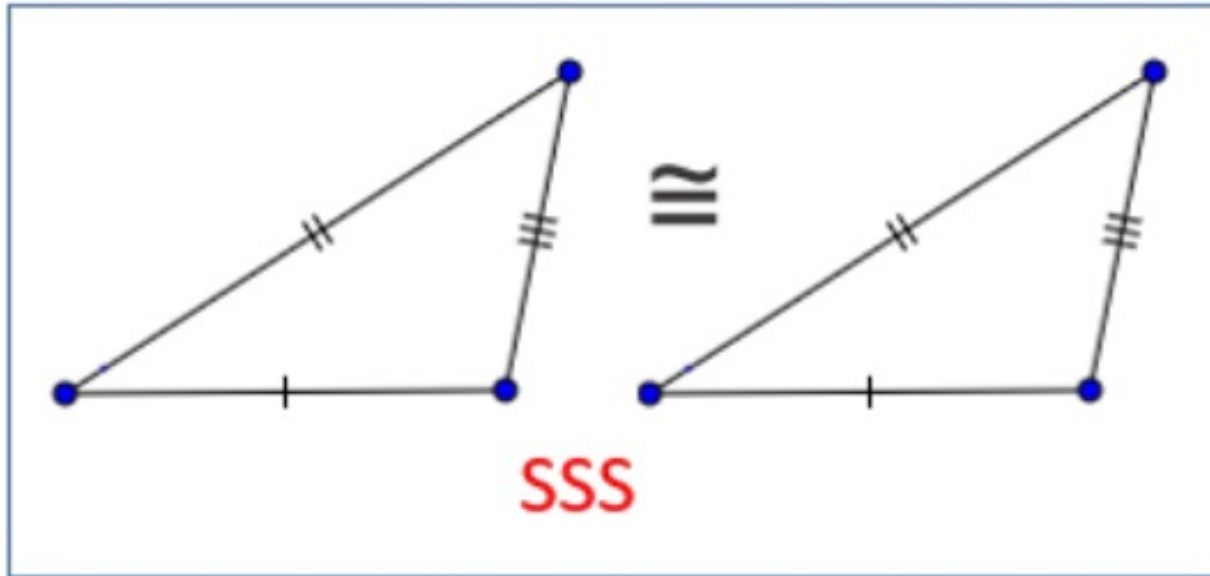
Congruence

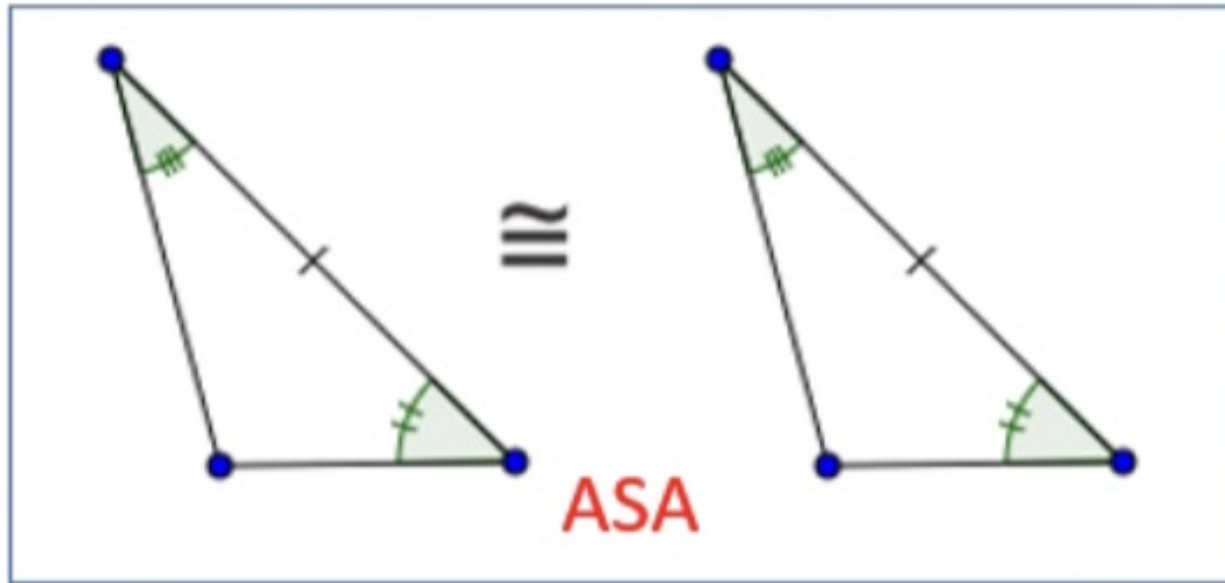


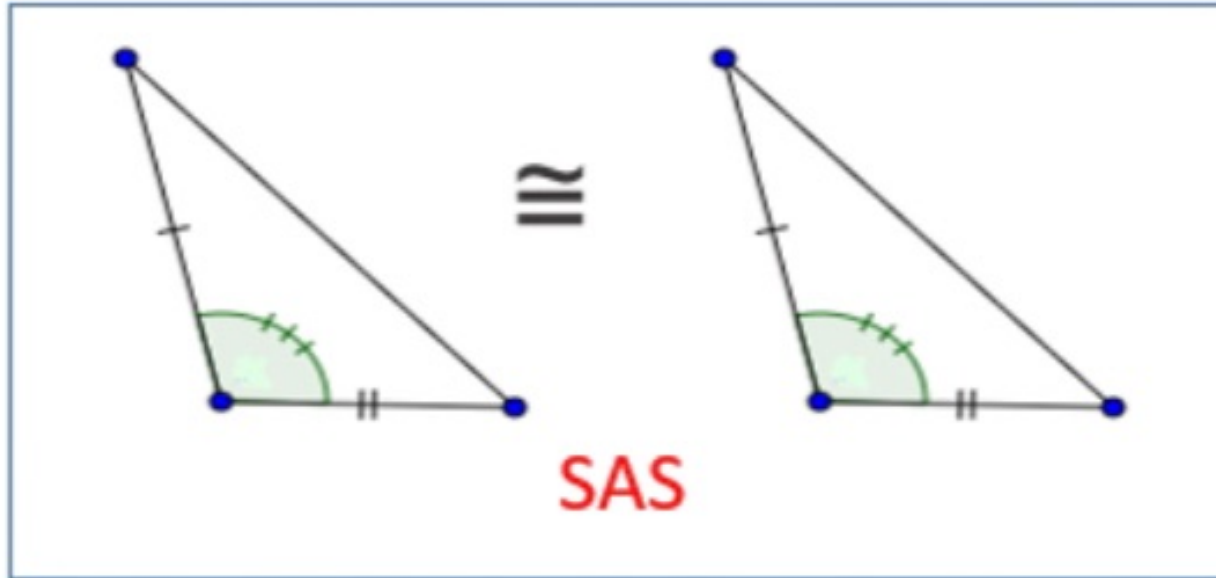
By Kru ชี

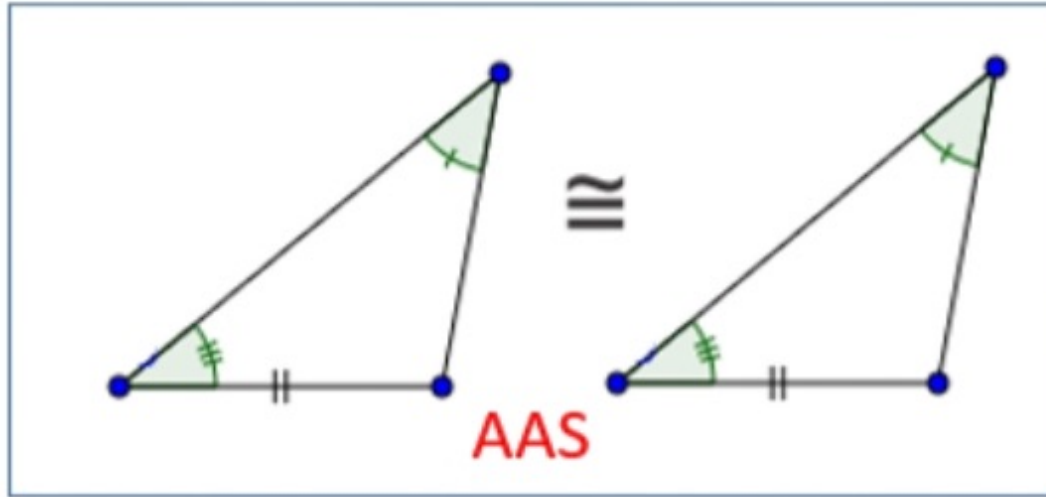
Congruent triangles are triangles that have the same size and shape. This means that the corresponding sides are equal and the corresponding angles are equal.

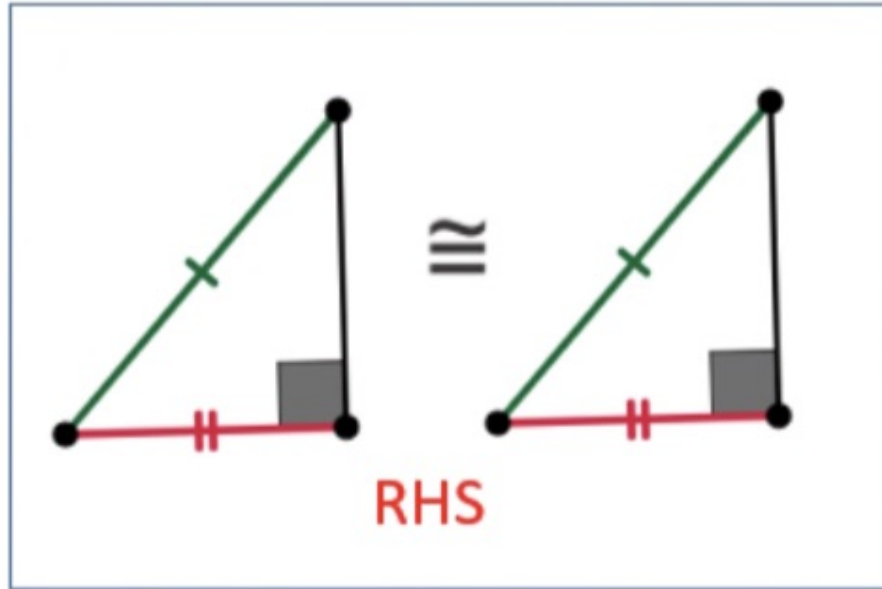
Keyword



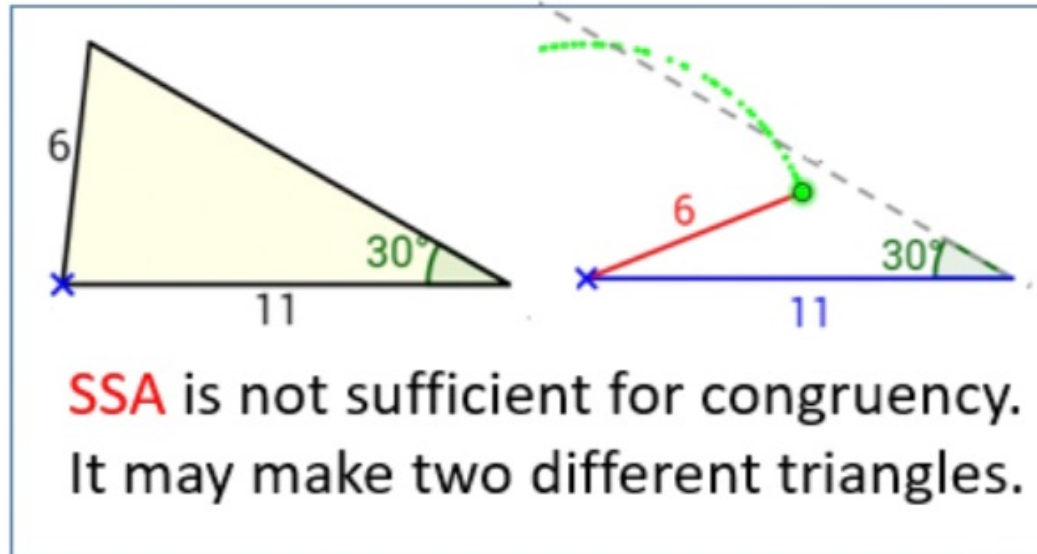








NOTE

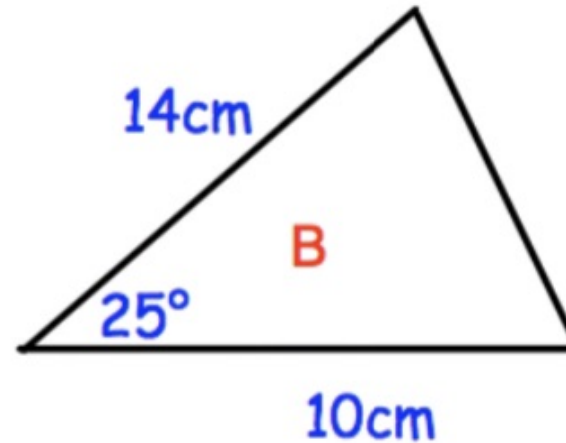
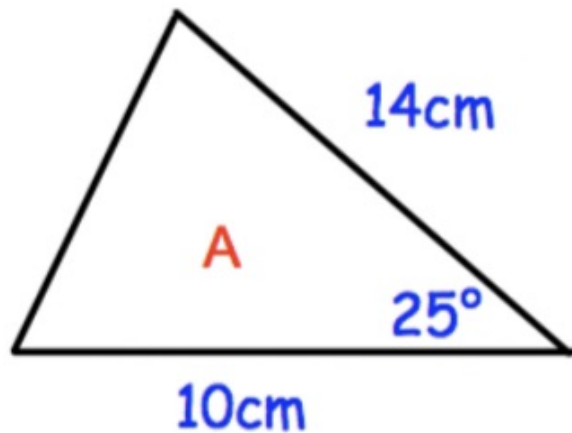


NOTE

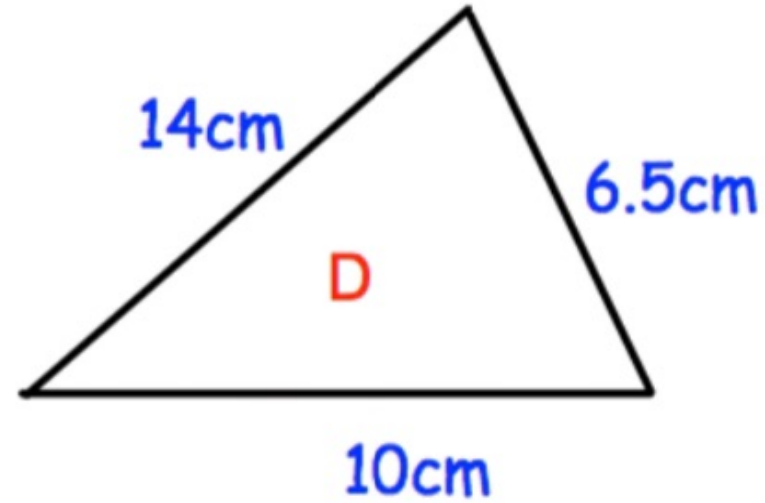
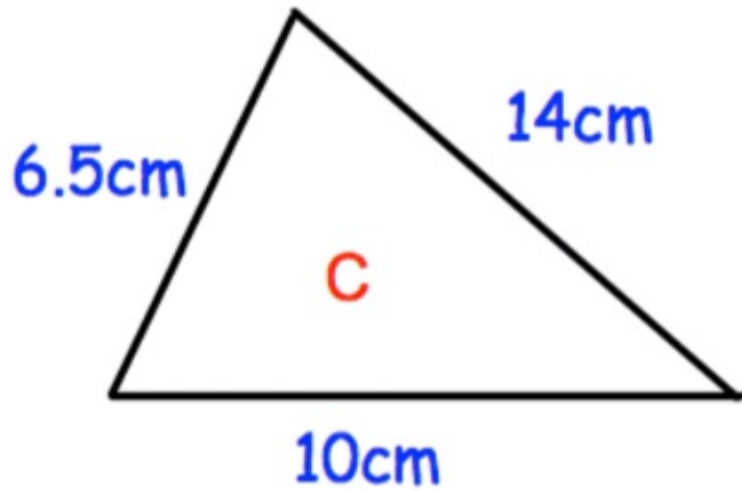
AAA is **not a congruent** triangle

AAA is **a similar** triangle

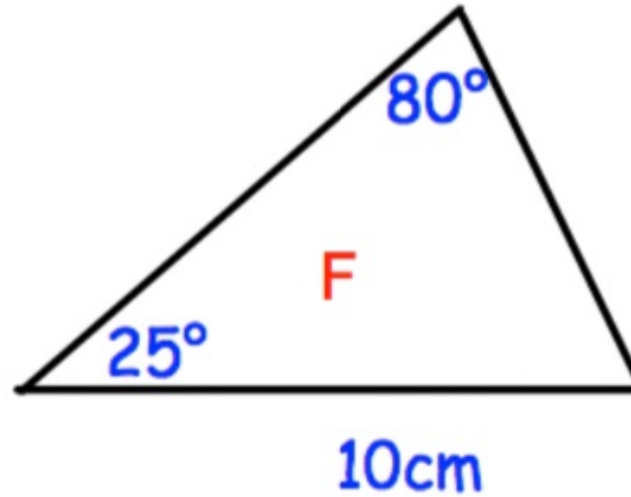
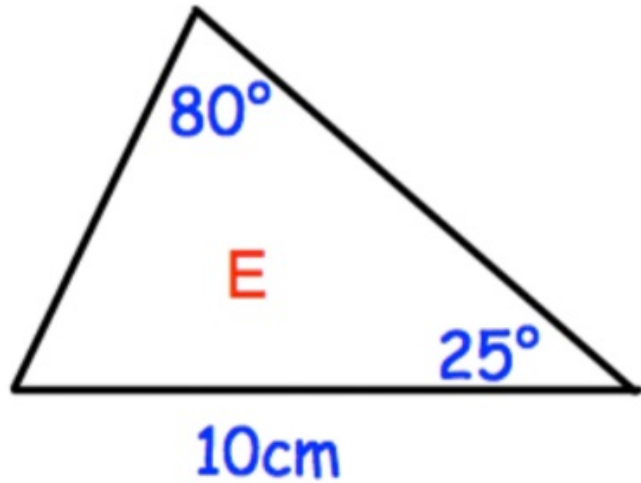
For each pair below, state the condition why they are congruent.



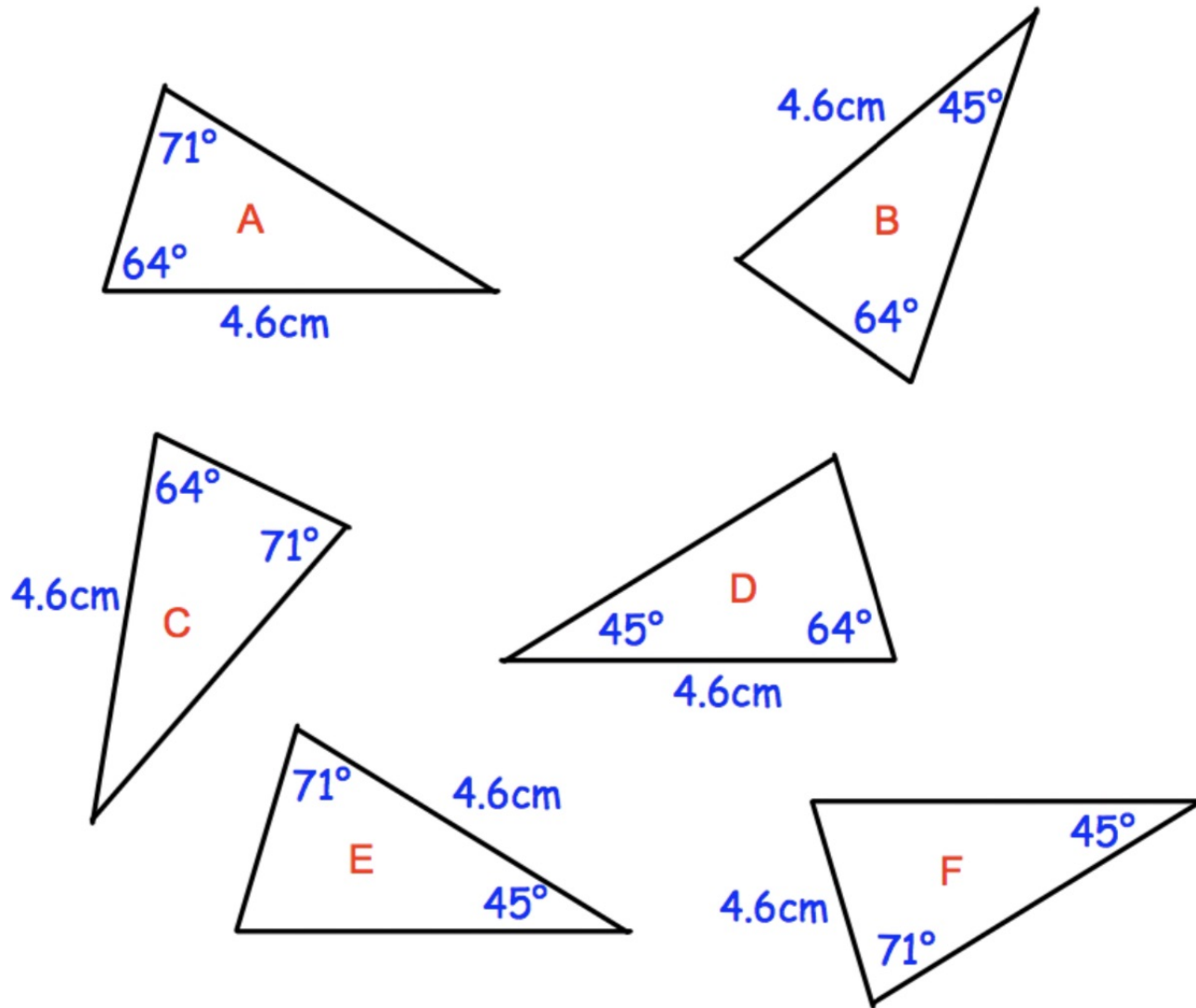
Condition:



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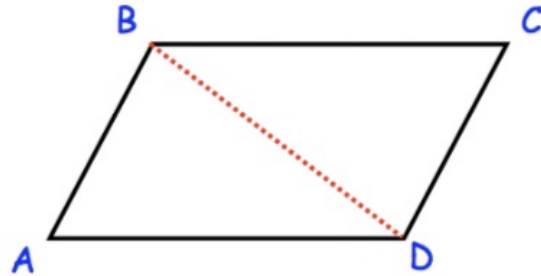


Condition:



Which two triangles are congruent to triangle A?

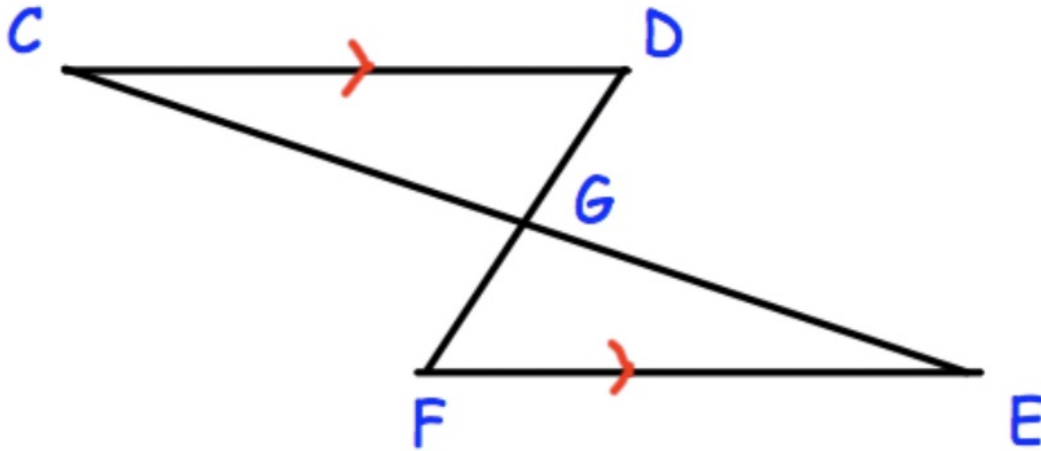
ABCD is a parallelogram.



Prove that triangles ABD and BCD are congruent.

In the diagram, the lines CE and DF intersect at G.

CD and FE are parallel and $CD = FE$.



Prove that triangles CDG and EFG are congruent.