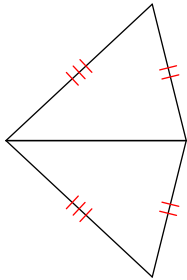
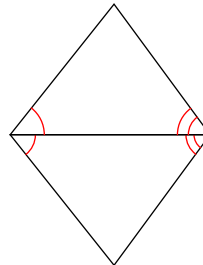


Given the following Triangles, determine if the two triangles are congruent by SSS, SAS, ASA, AAS or state that they are Not Congruent. State how you know. If they are, state the congruence and the transformation.

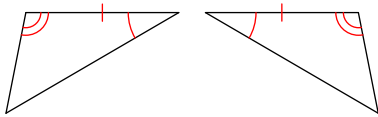
1)



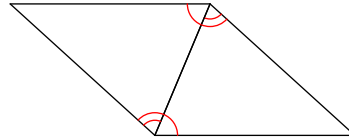
2)



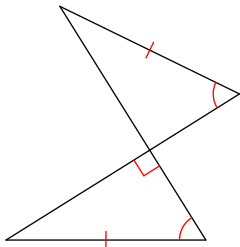
3)



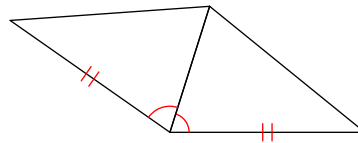
4)



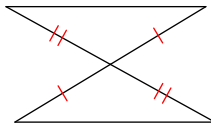
5)



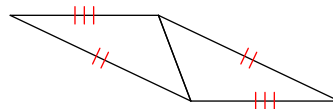
6)



7)

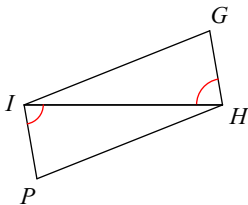


8)

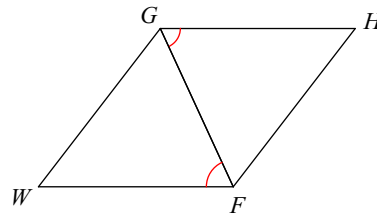


State what additional information is required in order to know that the triangles are congruent for the reason given.

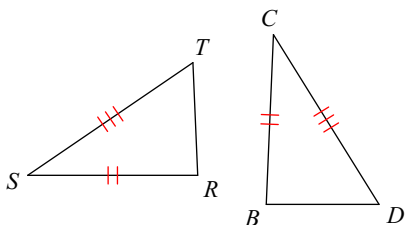
9) AAS



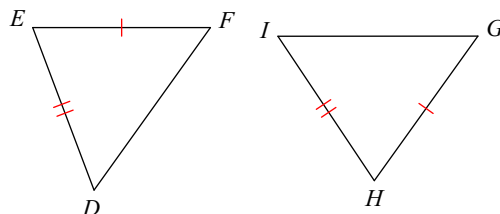
10) ASA



11) SAS



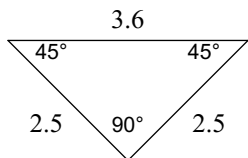
12) SSS



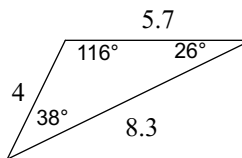
Triangles Review

Classify each triangle by its angles and sides.

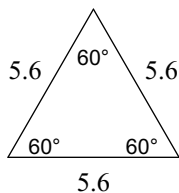
1)



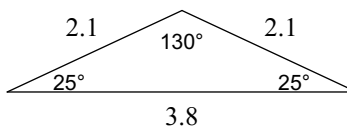
2)



3)

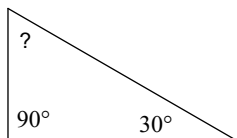


4)

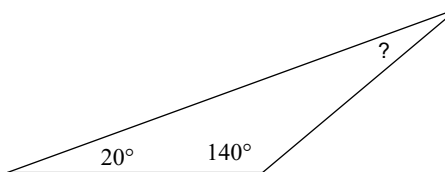


Find the measure of each angle indicated.

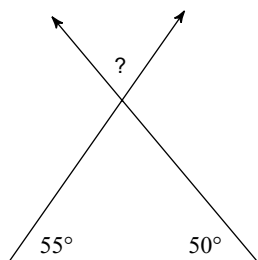
5)



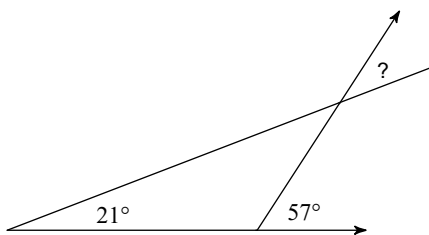
6)



7)

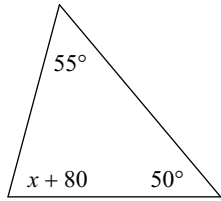


8)

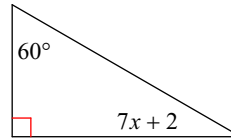


Solve for x .

9)

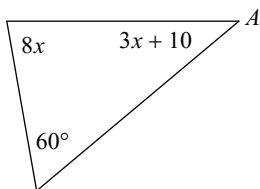


10)

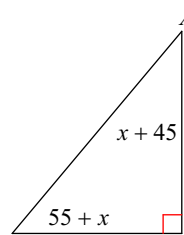


Find the measure of angle A.

11)



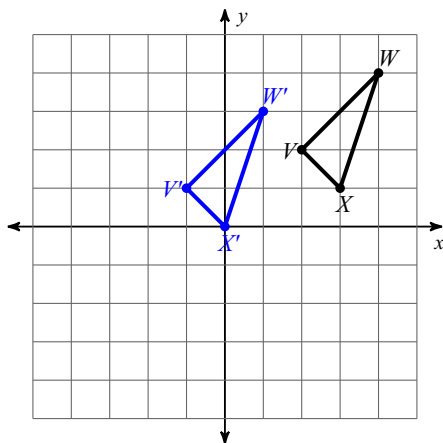
12)



Given the pre-image and the new image, write a rule to describe each transformation.

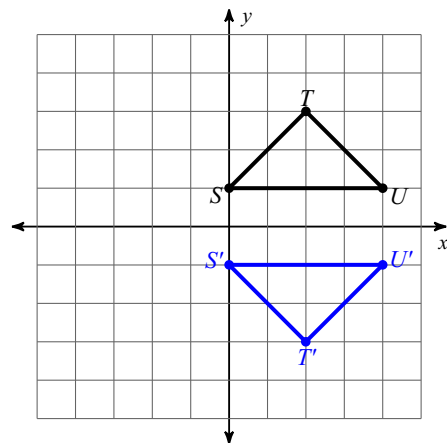
Translation:

13)



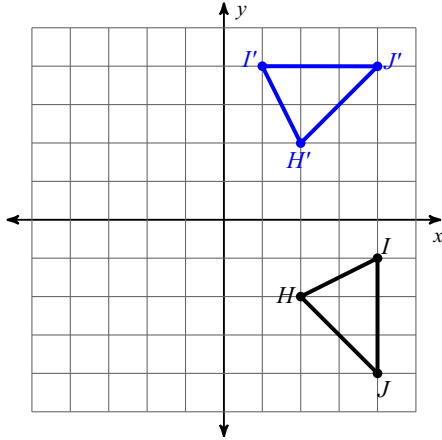
Reflection:

14)

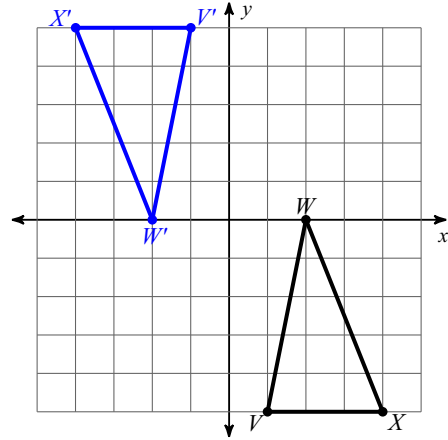


Rotation:

15)

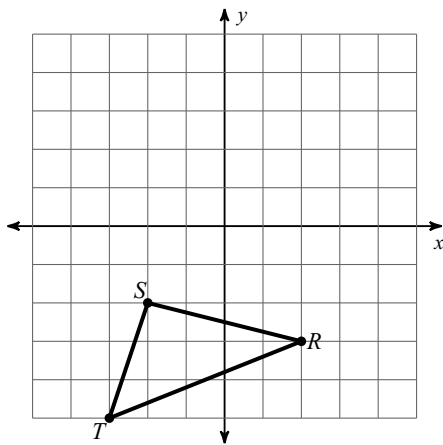


16)

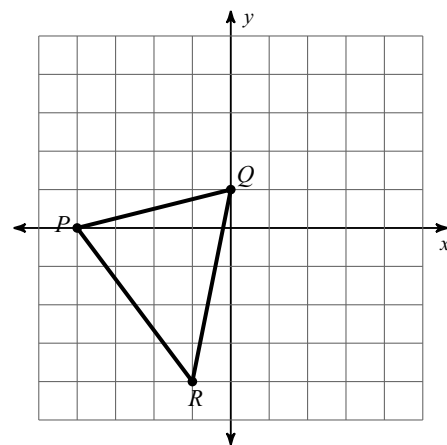


Given the pre-image and rule, graph the image of the figure using the transformation given.

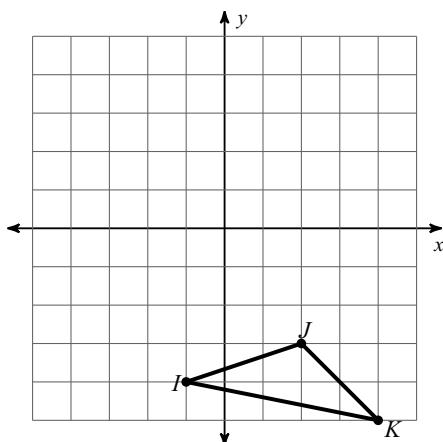
17) translation: 2 units right and 3 units up



18) translation: 5 units right and 4 units up



19) reflection across $y = -2$



20) rotation 90° clockwise about the origin

