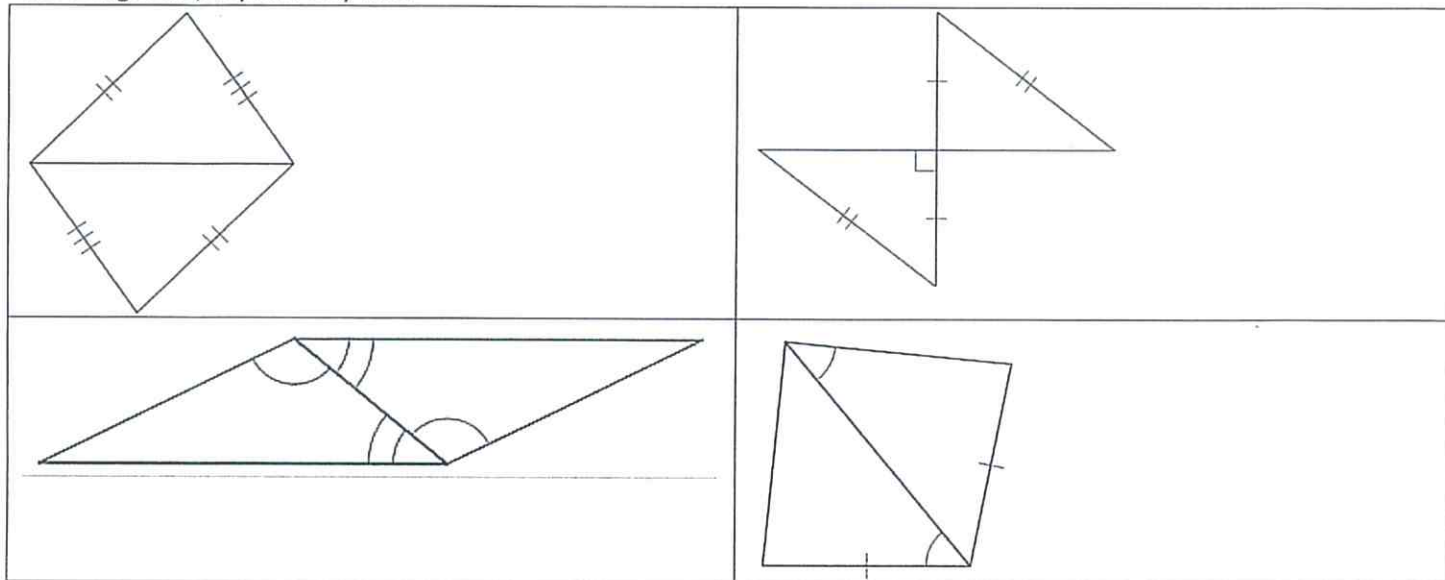
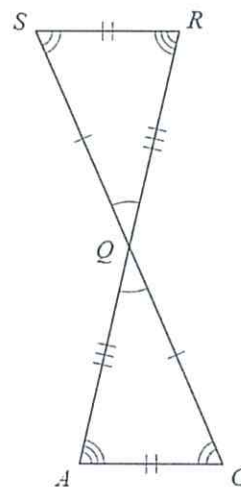
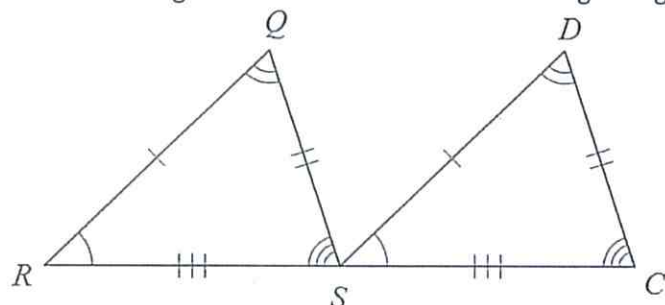


5. For the following triangles, determine whether they are congruent and by which theorem or postulate. If they are not congruent, explain why not.



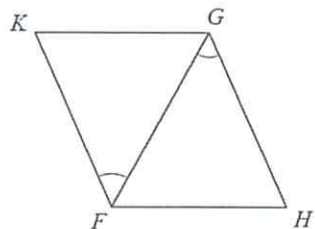
6. Write a congruent statement for the following triangles:



7. Using the triangle from above left, complete the following congruence statements:

$\angle QRS \cong$ _____; $\angle CDS \cong$ _____; $\overline{DS} \cong$ _____; $\overline{RS} \cong$ _____ $\overline{DC} \cong$ _____

8. What additional information would be needed to prove the triangles are congruent using ASA?



9. Draw a picture to solve for x in the following problem: $\triangle EFH \cong \triangle DPS$, $m\angle E = 5x + 6$; $m\angle D = 2x + 33$; $m\angle S = 2x - 6$.