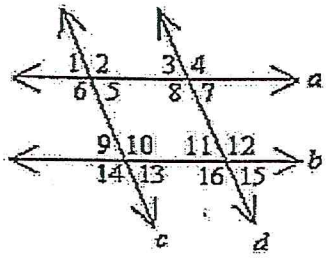
21. If $m < 7 = 2x - 1$ and $m < 2 = 9x + 16$, solve for x and find $m < 7$ and $m < 2$.

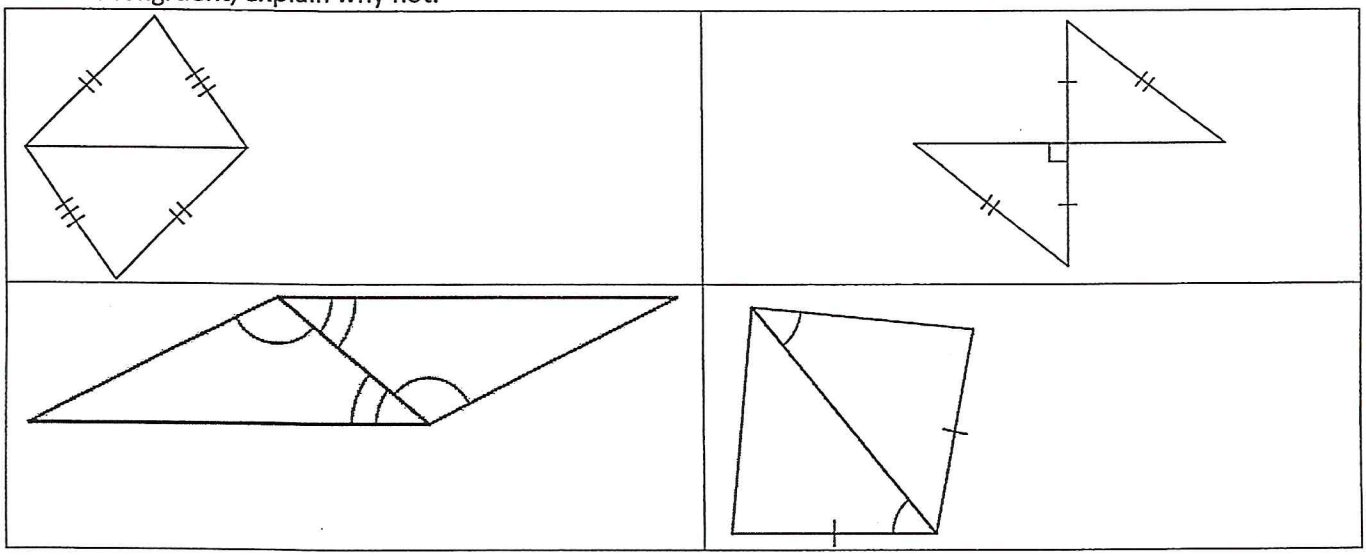
22. 

Given a//b and c//d Prove <6 ≅<16

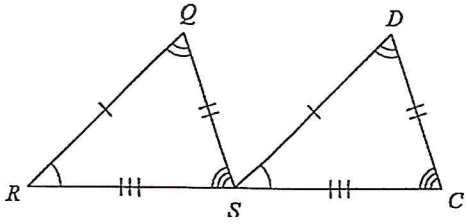
Unit 3 – Triangles and Triangle Congruence

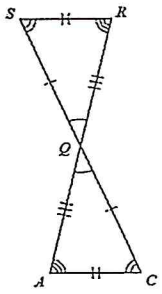
23. Name all the valid postulates/theorems that can be used to prove that two triangles are congruent.

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



25. Write a congruent statement for the following triangles:





_____ _____

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

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