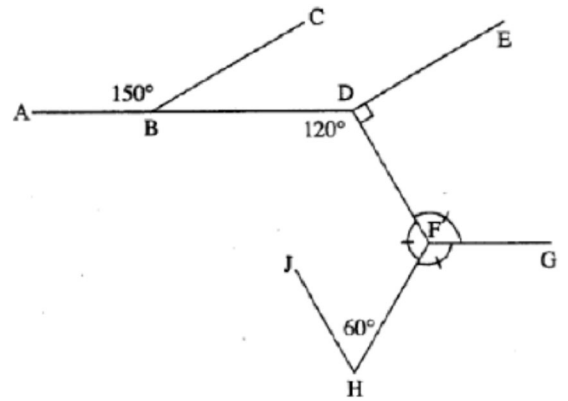


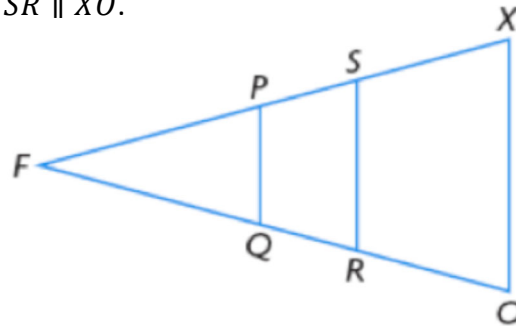
Name: _____

Date: _____

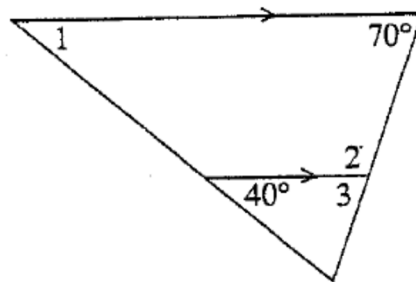
- Find the measure of all the missing angles in the diagram. Justify each answer.



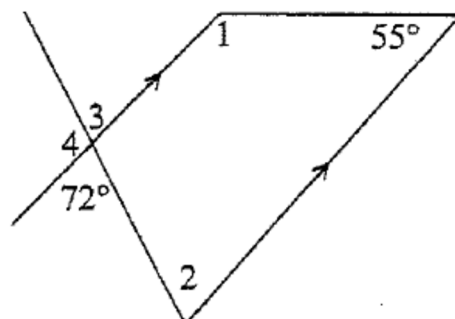
- Given that $\triangle FOX$ is an isosceles triangle, and that $\angle FOX = \angle FRS$ and $\angle FXO = \angle FPQ$, prove that $PQ \parallel SR$ and $SR \parallel XO$.



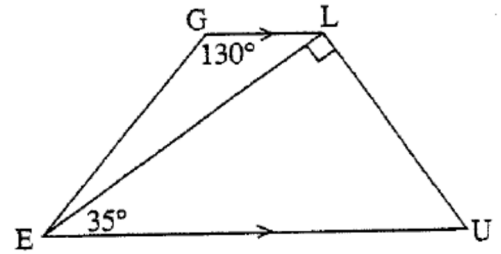
- Find the measure of angles 1, 2 and 3. Justify each step.



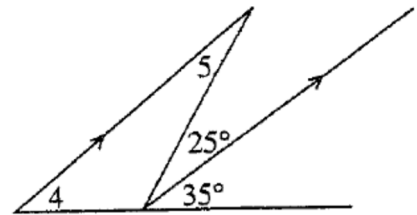
- Find the measure of angles 1, 2, 3 and 4. Justify each step.



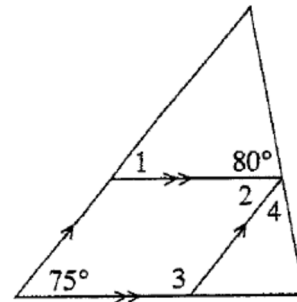
5. Find the measure of all the missing angles in the diagram. Justify each step.



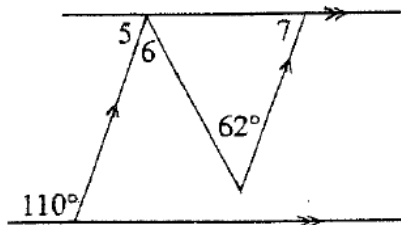
6. Find the measure of angles 4 and 5. Justify each step.



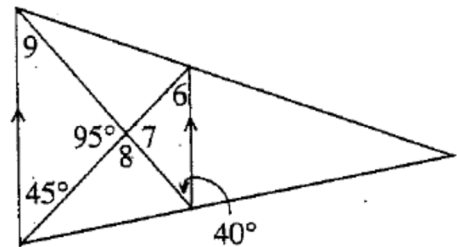
7. Find the measure of angles 1, 2, 3 and 4. Justify each step.



8. Find the measures of angles 5, 6 and 7. Justify each step.



9. Find the measure of angles 6, 7, 8 and 9. Justify each step.



10. Find the measure of angles 1, 2, 3 and 4. Justify each step.

