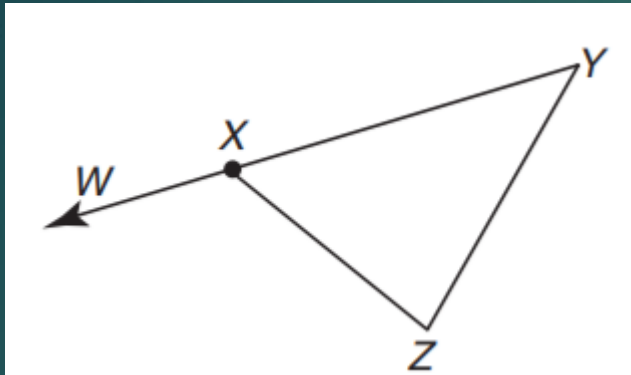


Identify the interior angles, the exterior angle, and the remote interior angles of each triangle.

Example:

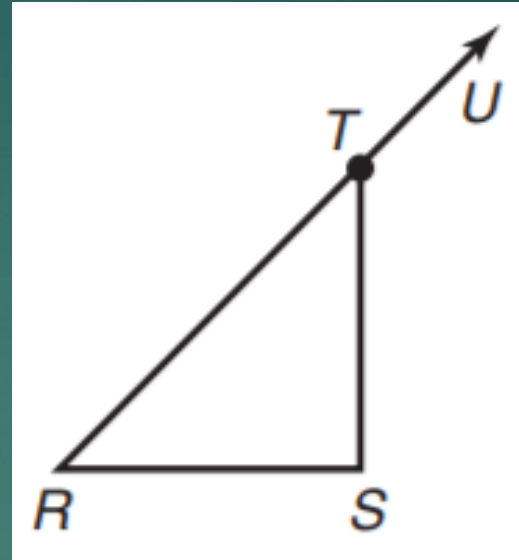


Interior angles: $\angle XYZ$, $\angle YZX$, $\angle ZXY$

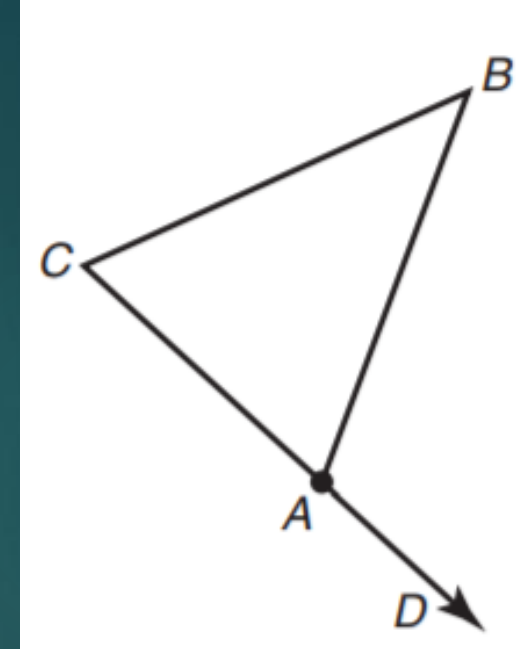
Exterior angle: $\angle WXZ$

Remote interior angles: $\angle XYZ$, $\angle YZX$

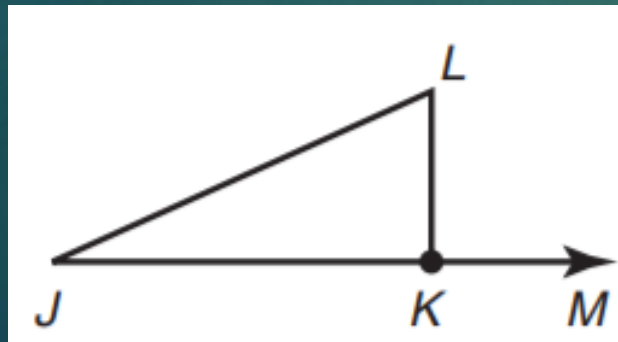
1)



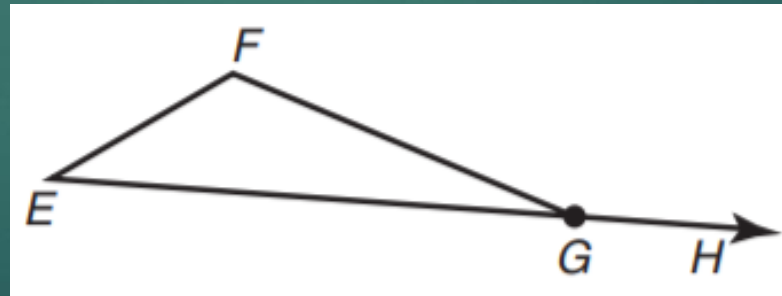
2)



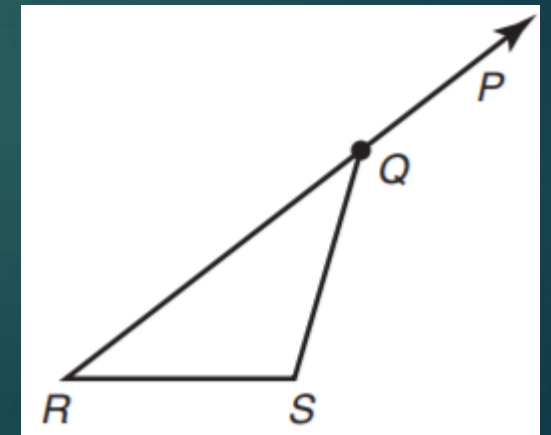
3)



4)

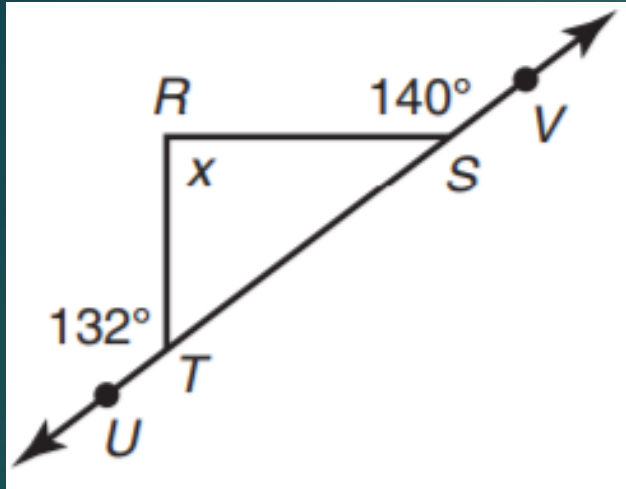


5)

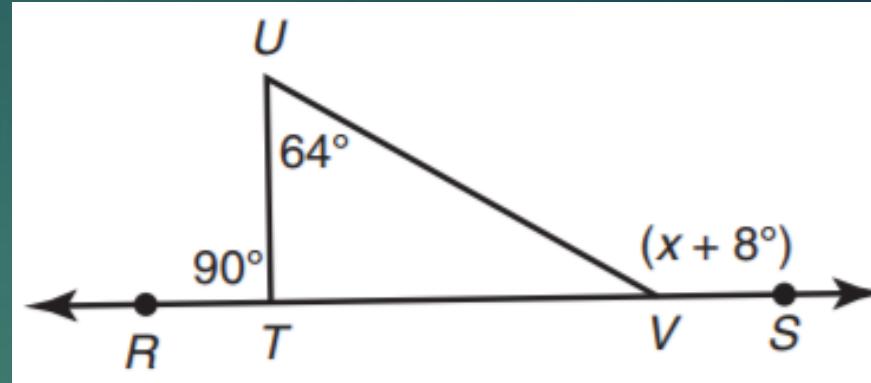


Solve for x in each diagram.

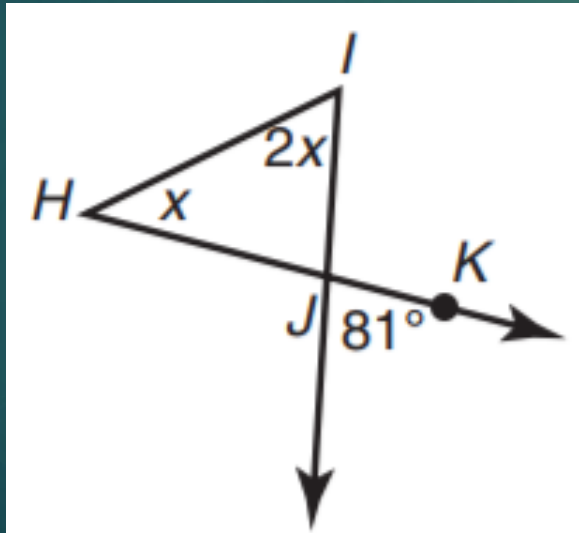
6)



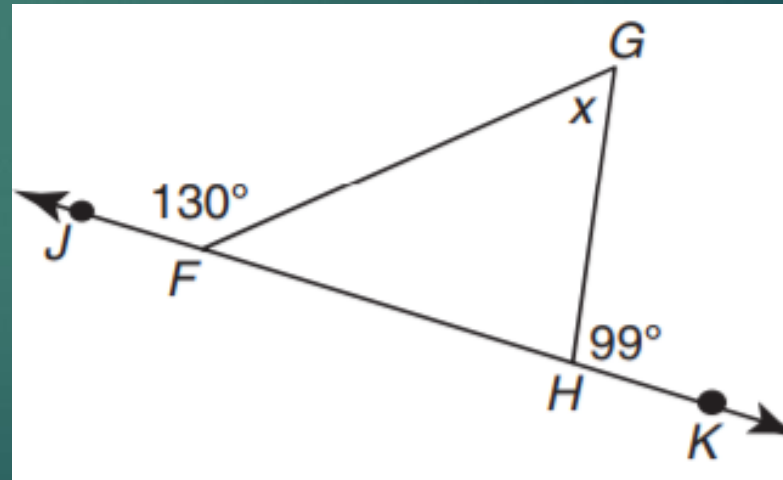
7)



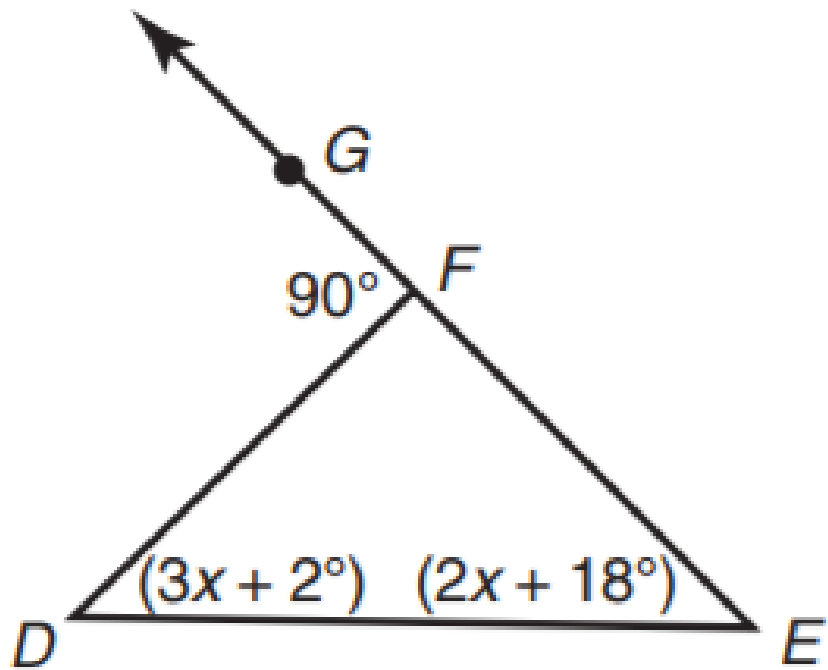
8)



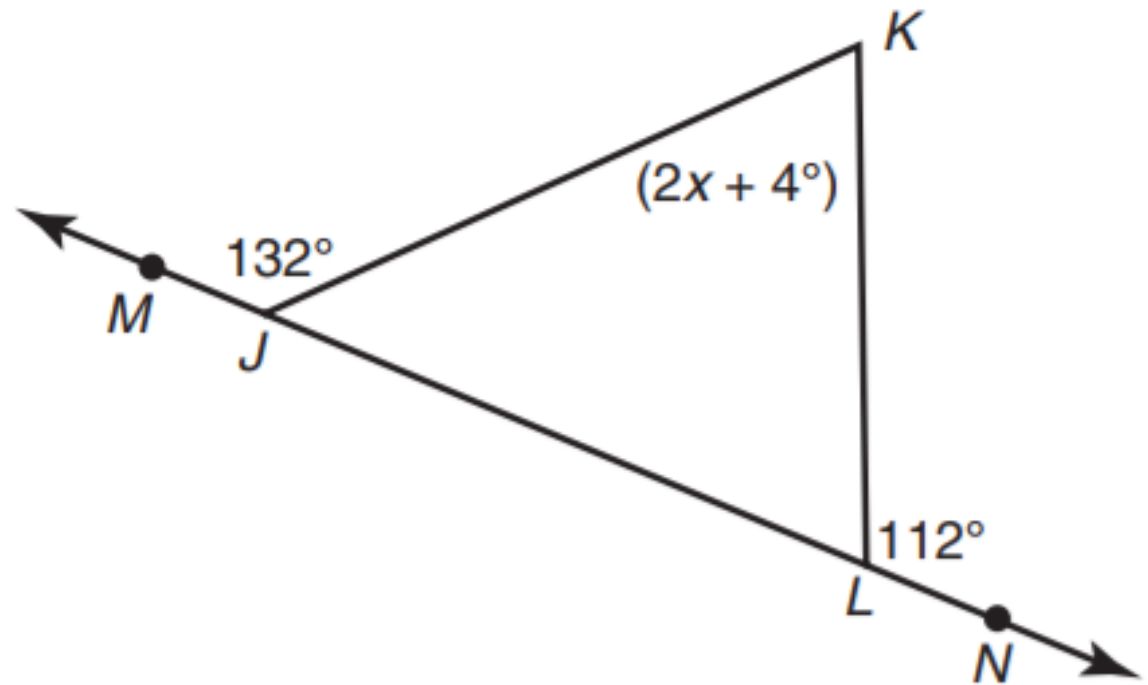
9)



10)



11)



Write the term that best completes each statement.

12) The _____ states that the sum of the measures of the interior angles of a triangle is 180° .

13) The _____ are the two angles that are non-adjacent to the specified exterior angle.

14) The _____ states that the measure of an exterior angle of a triangle is equal to the sum of the measures of the remote interior angles of the triangle.

15) The _____ states that the measure of an exterior angle of a triangle is greater than the measure of either of the remote interior angles of the triangle.