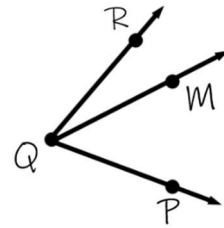


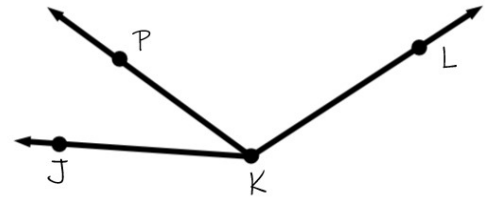
# Geometry

## Quiz 1 Review: Angle Relationships, Parallel Lines and Triangles

1) Find  $x$  if  $m\angle MQP = 11x + 6$ , and  $m\angle RQM = 62^\circ$ , and  $m\angle RQP = 17x + 8$ .

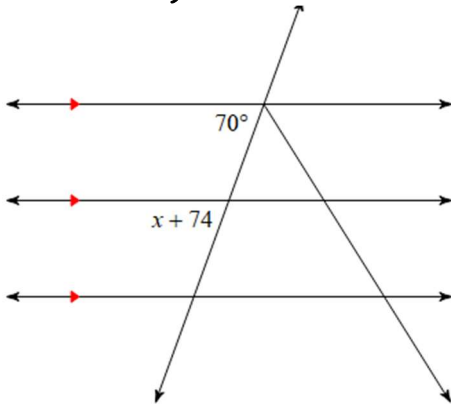


2) Find  $x$  if  $m\angle JKP = 40x$ ,  $m\angle PKL = 135^\circ$ , and  $m\angle JKL = 174x + 1$ .

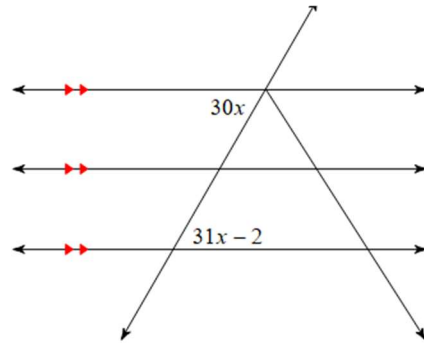


Identify the angle relationship and solve for  $x$ .

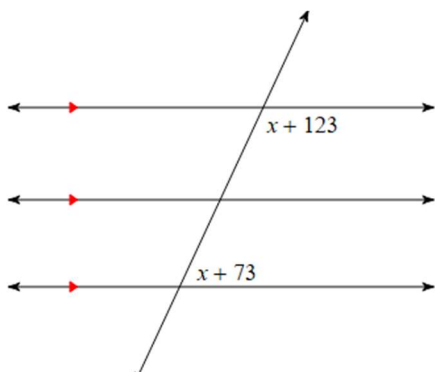
3.



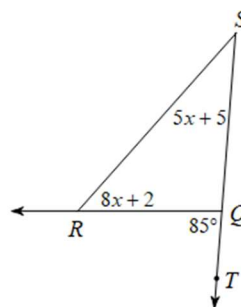
4.



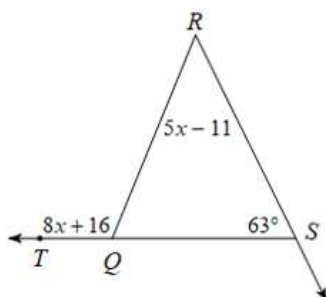
5.



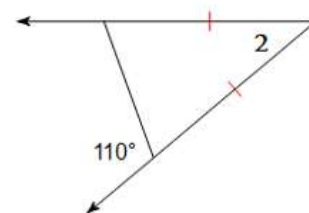
6.



7.

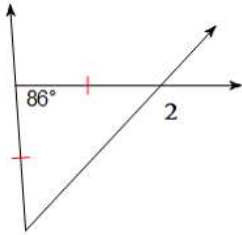


8.  $m\angle 2 = x + 51$

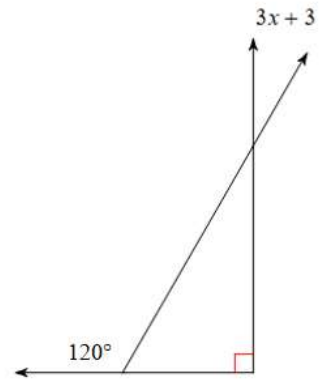


# Geometry

9)  $m\angle 2 = x + 139$

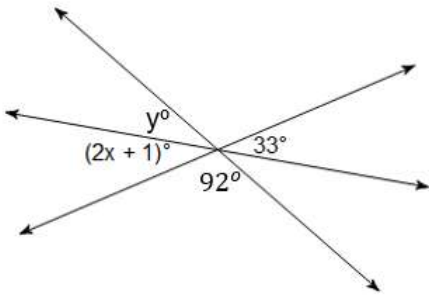


10)

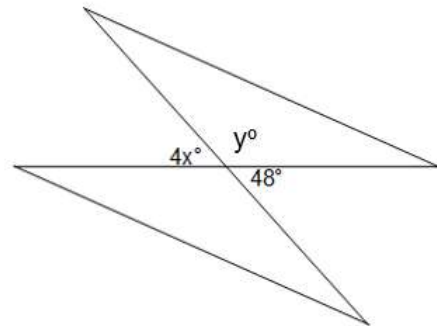


Find the value(s) of the variable(s).

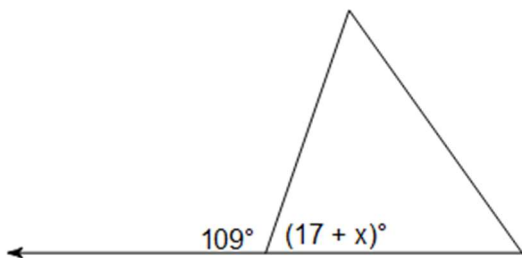
11.



12.



13.



14.

