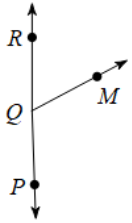
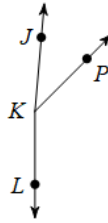


Line, Triangle, and Angle Properties

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

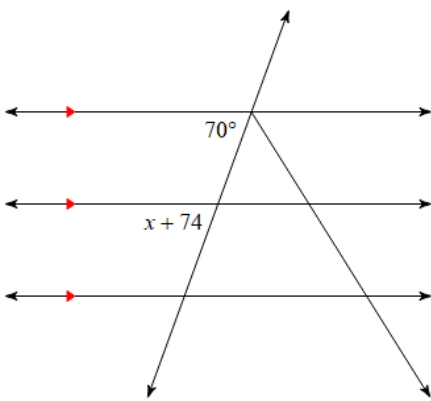


- 2) Find x if $m\angle JKP = 40x$, $m\angle PKL = 135^\circ$,
 and $m\angle JKL = 174x + 1$.

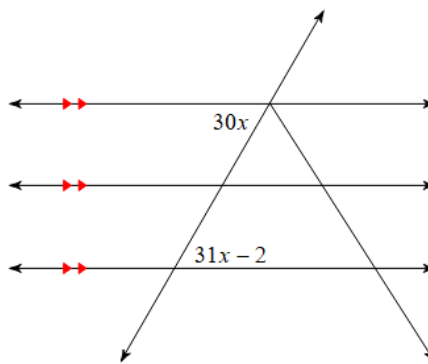


Identify the property type and then solve for x .

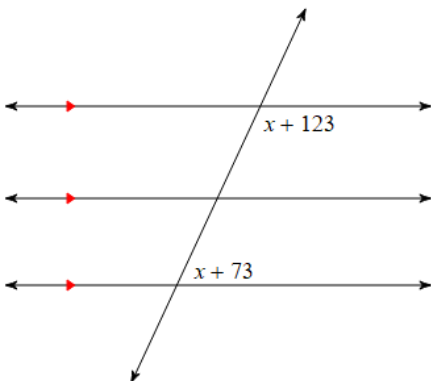
3)



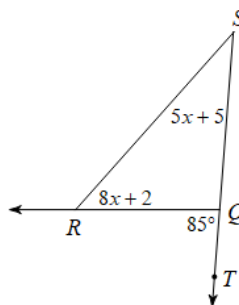
4)



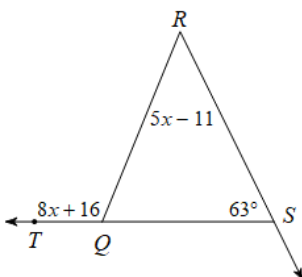
5)



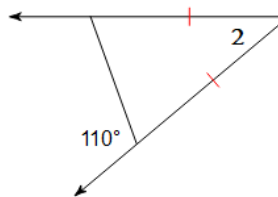
6)



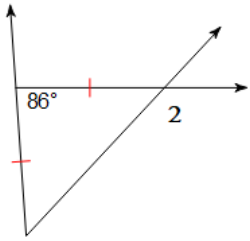
7)



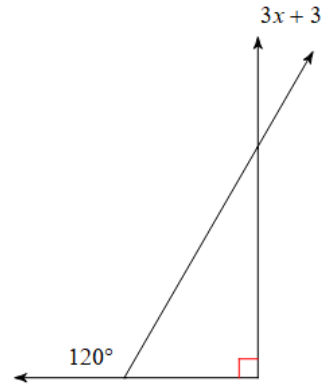
8) $m\angle 2 = x + 51$



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

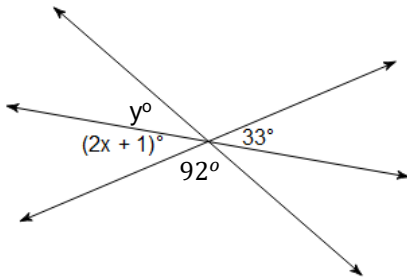


10)

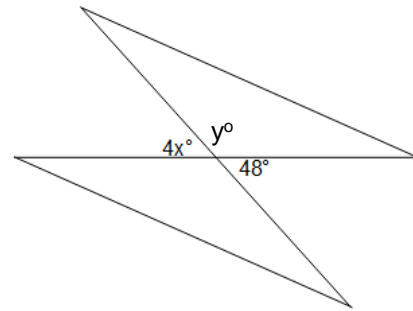


Find the value(s) of the variable(s)

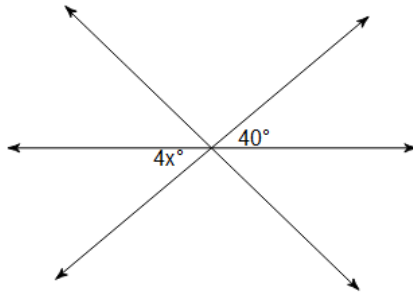
11)



12)



13)



14)

