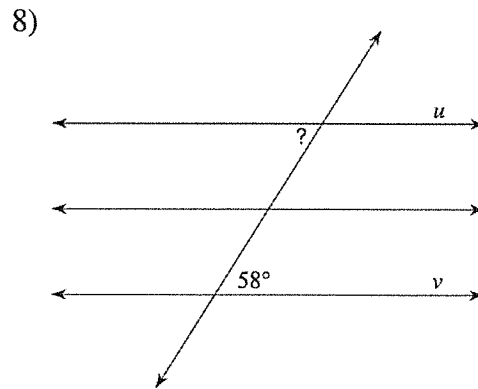
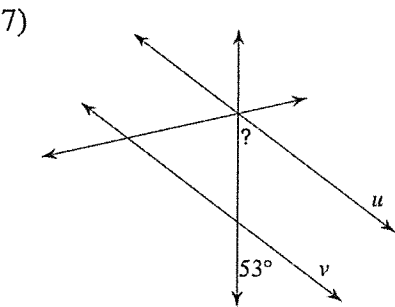
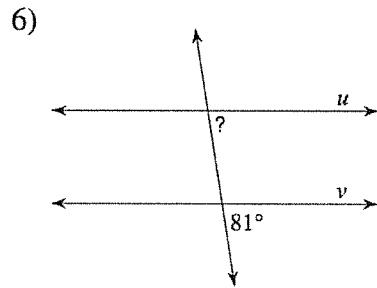
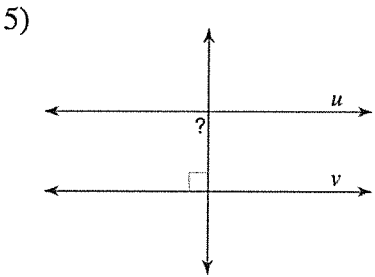
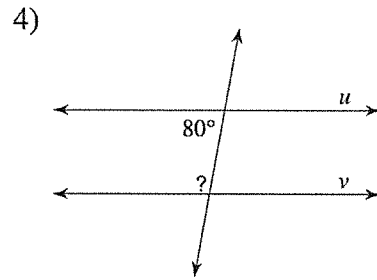
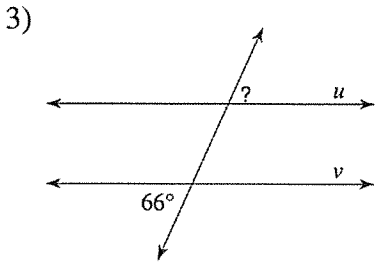
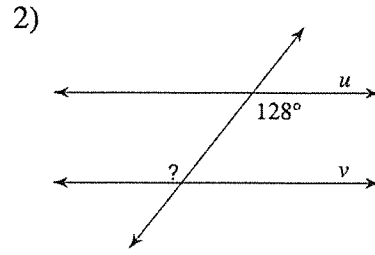
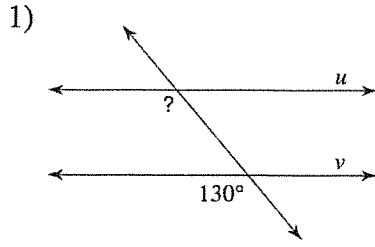
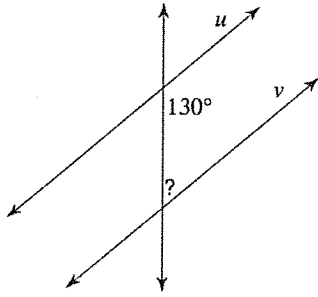


Proving Lines Parallel

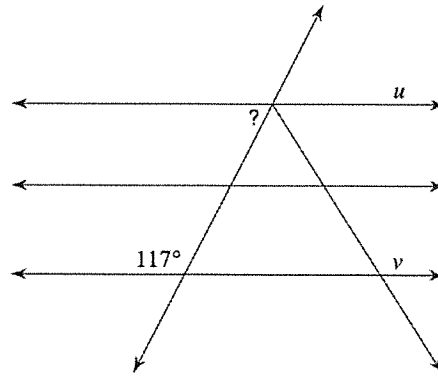
Find the measure of the indicated angle that makes lines  $u$  and  $v$  parallel.



9)

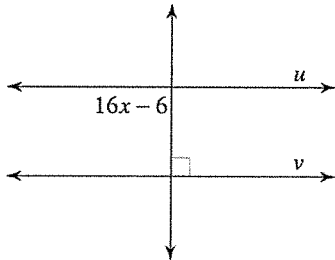


10)

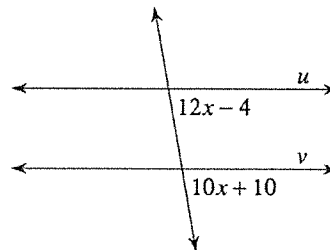


Find the value of  $x$  that makes lines  $u$  and  $v$  parallel.

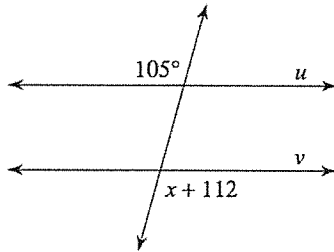
11)



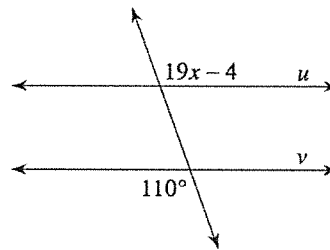
12)



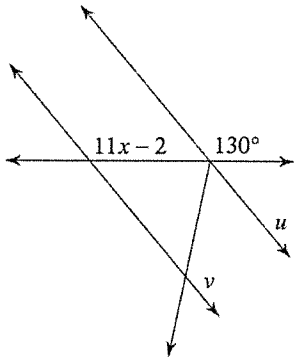
13)



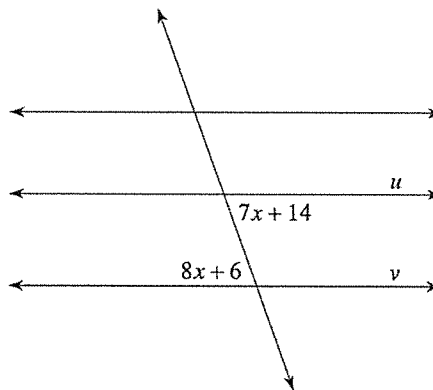
14)



15)



16)



**Critical thinking questions:**

17) For question #16, find a value of  $x$  that makes lines  $u$  and  $v$  intersect.

18) Even if the lines in question #16 were not parallel, could  $x = 25$ ? Why or why not?