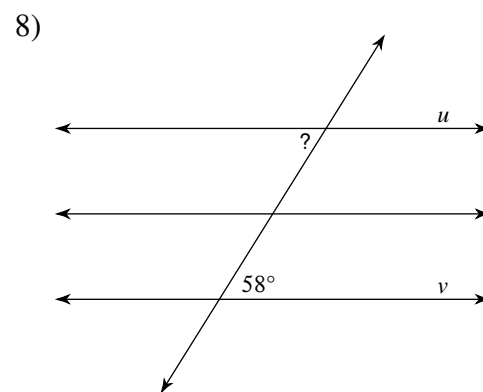
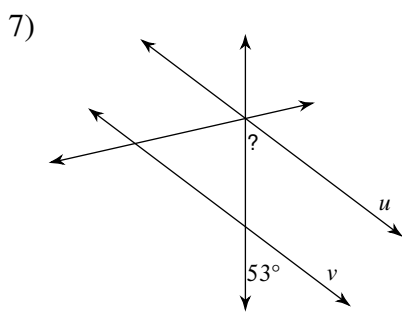
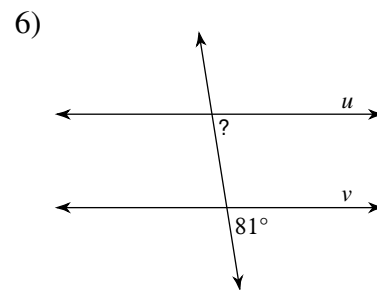
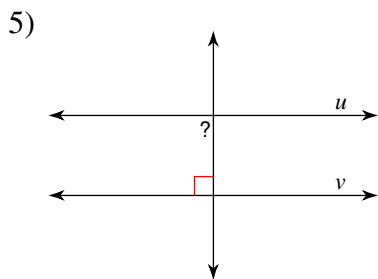
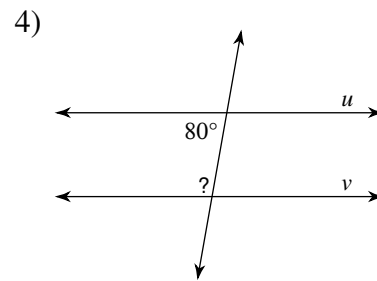
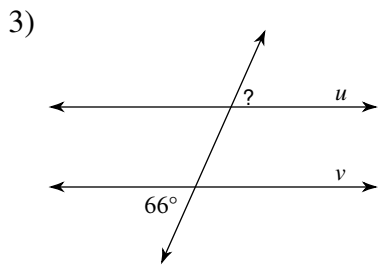
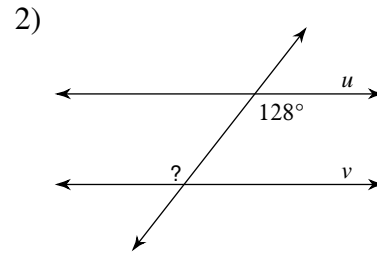
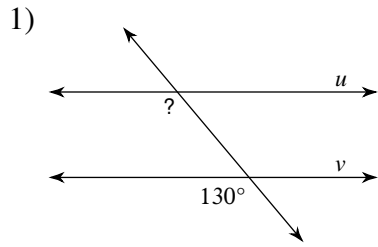
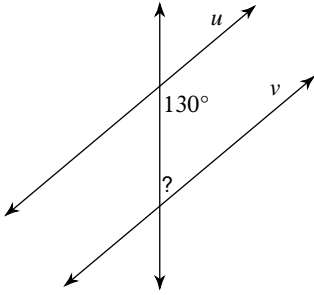


Proving Lines Parallel

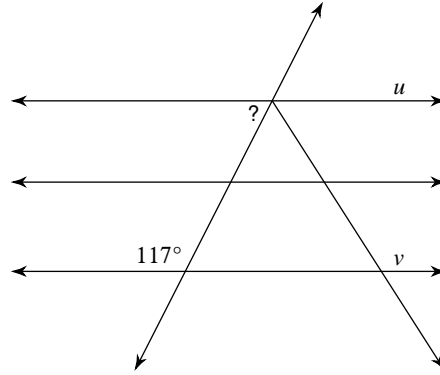
Find the measure of the indicated angle that makes lines u and v parallel.



9)

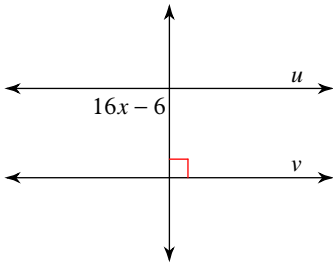


10)

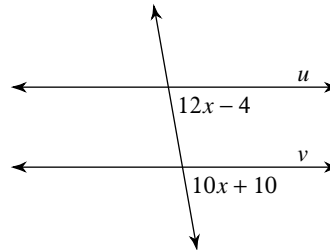


Find the value of x that makes lines u and v parallel.

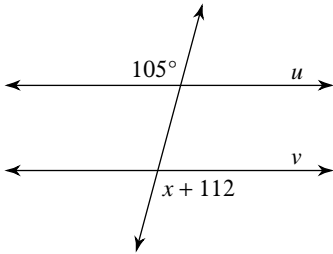
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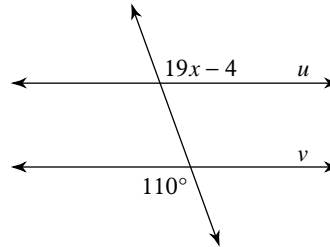
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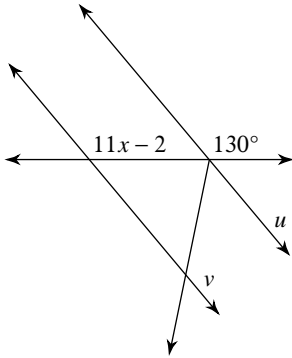
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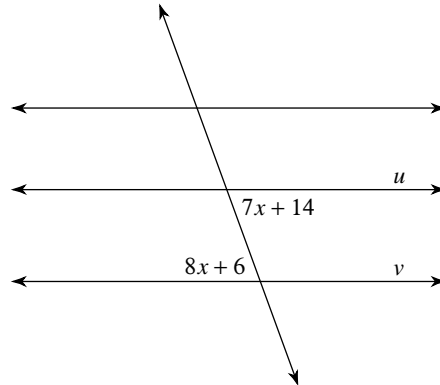
14)



15)



16)



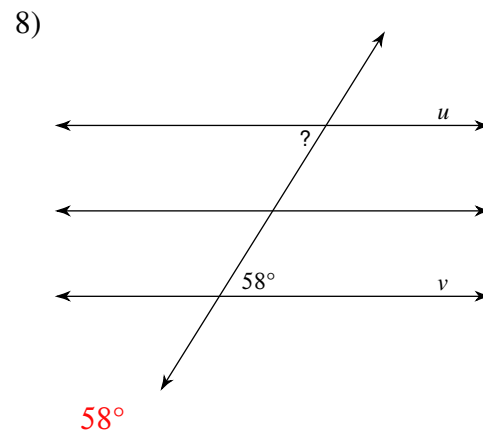
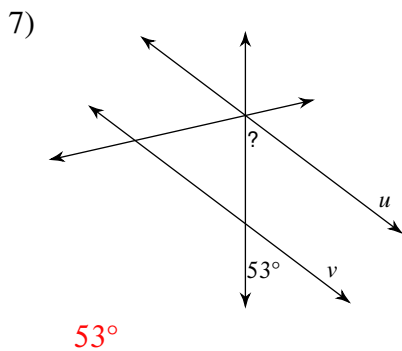
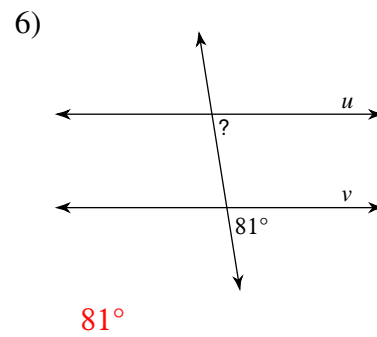
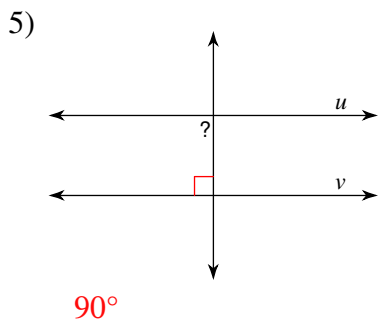
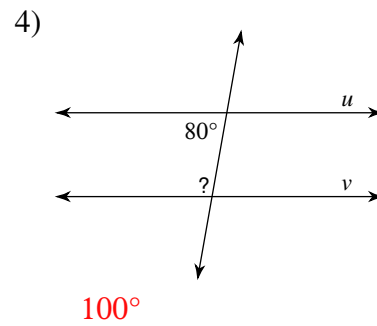
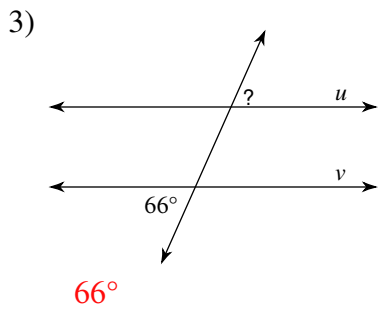
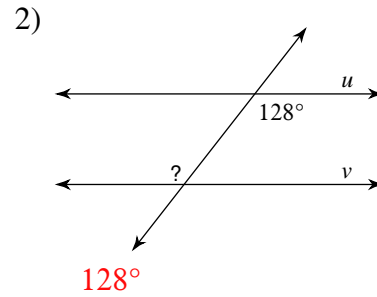
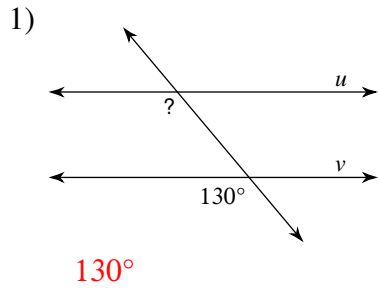
Critical thinking questions:

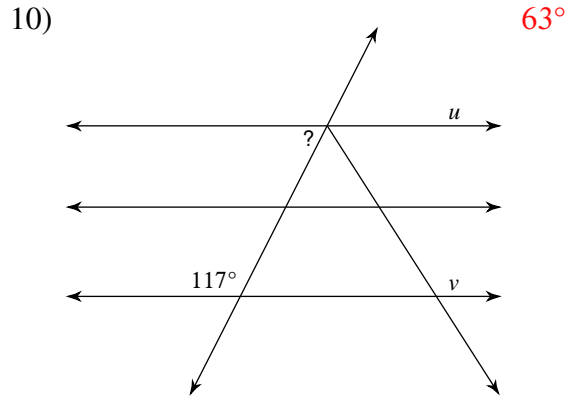
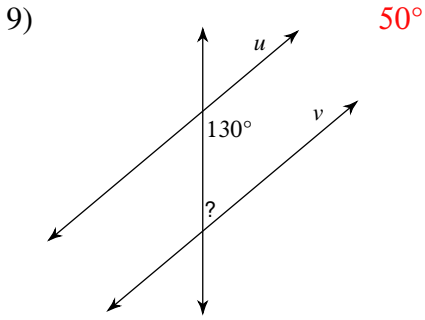
17) For question #16, find a value of x that makes lines u and v intersect.

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

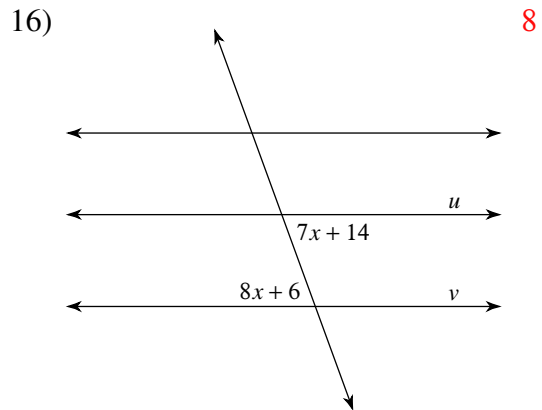
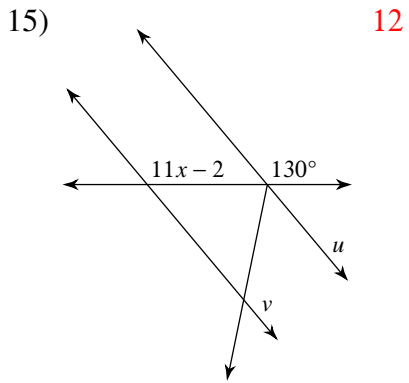
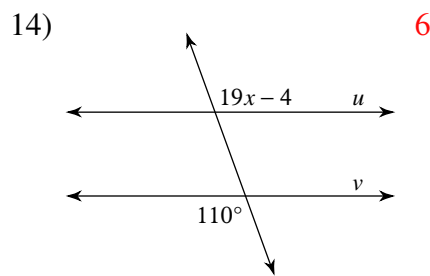
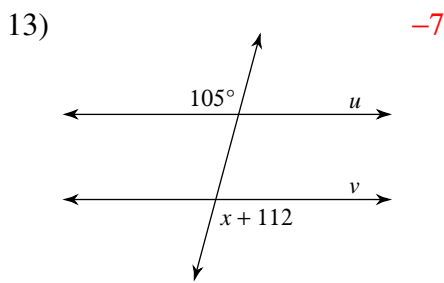
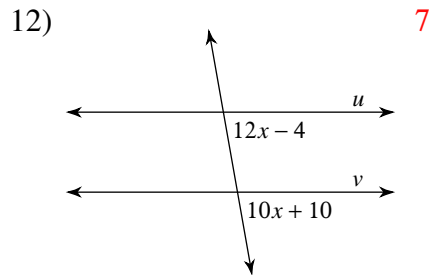
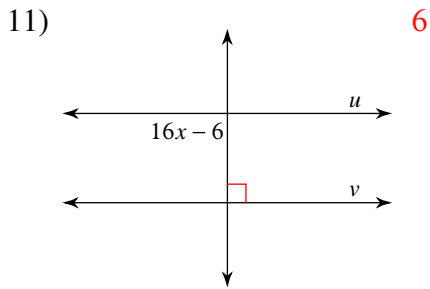
Proving Lines Parallel

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





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



Critical thinking questions:

17) For question #16, find a value of x that makes lines u and v intersect.
Any value other than 8. Ideally $0 \leq x \leq 10$

18) Even if the lines in question #16 were not parallel, could $x = 25$? Why or why not?
No, that would make the angles 189° and 206° .