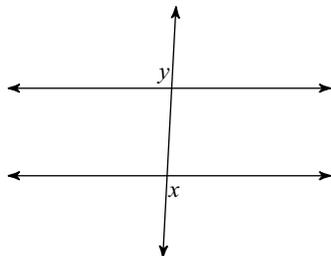


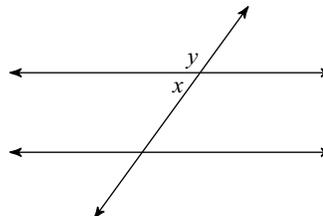
## 9.2 Parallel Lines and Angle Relationships

Identify each pair of angles as corresponding, alternate interior, alternate exterior, same-side interior, vertical, adjacent, complementary or supplementary.

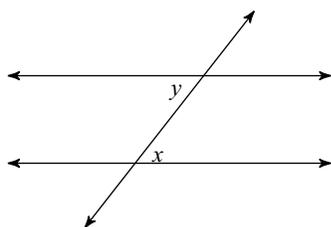
1)



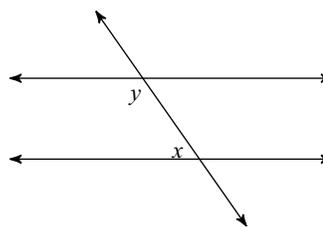
2)



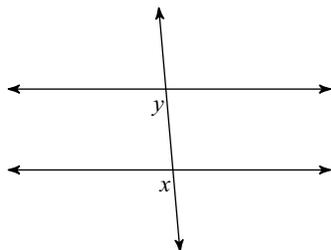
3)



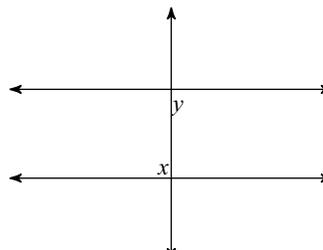
4)



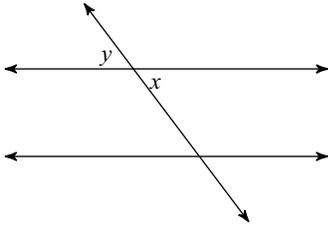
5)



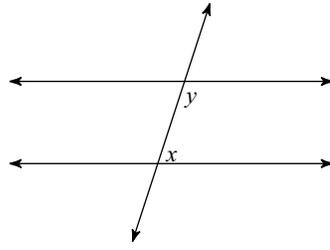
6)



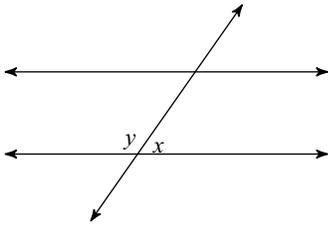
7)



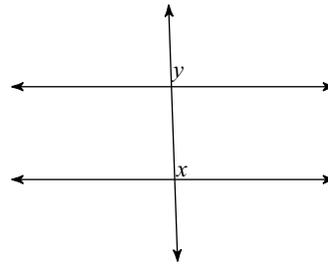
8)



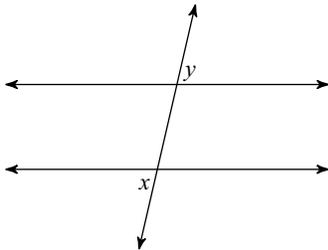
9)



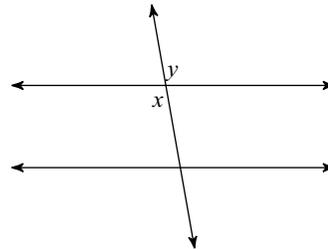
10)



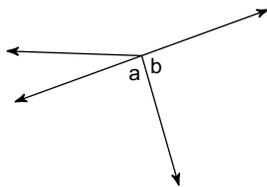
11)



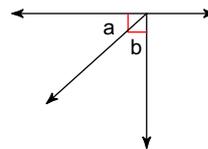
12)



13)

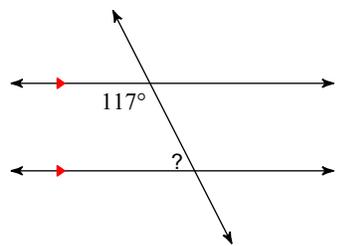


14)

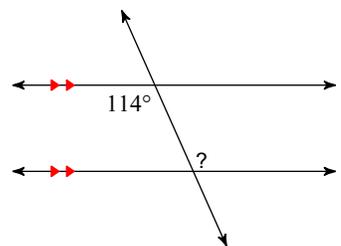


Find the measure of each angle indicated.

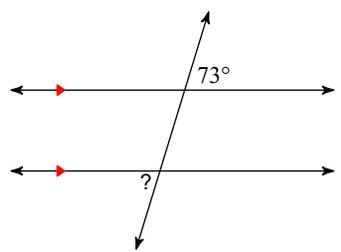
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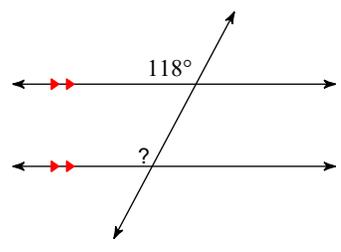
16)



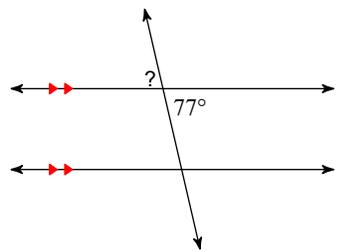
17)



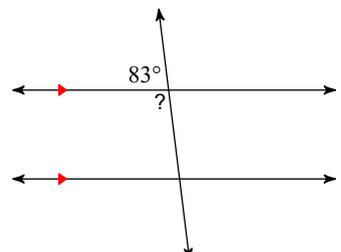
18)



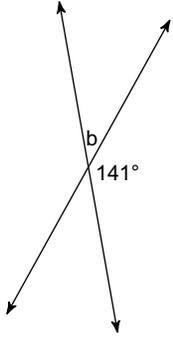
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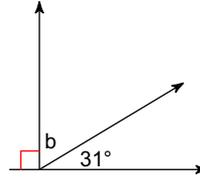
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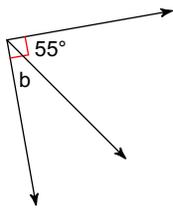
21)



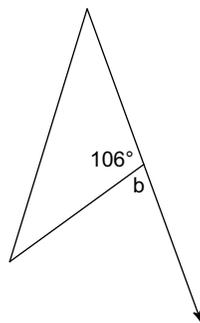
22)



23)

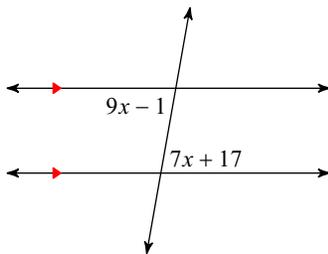


24)

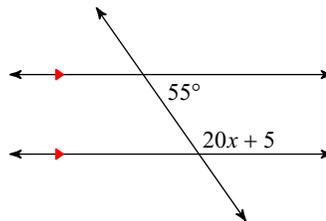


**Solve for  $x$ .**

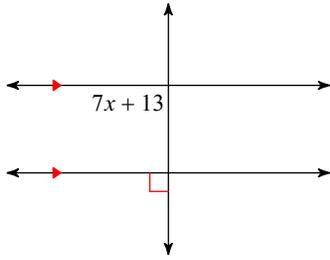
25)



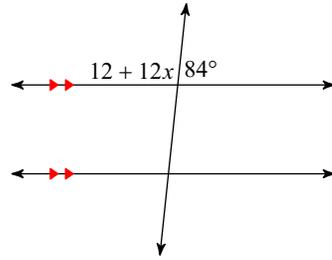
26)



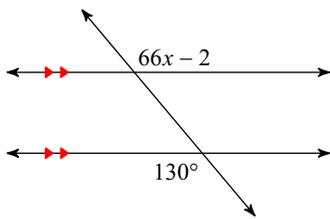
27)



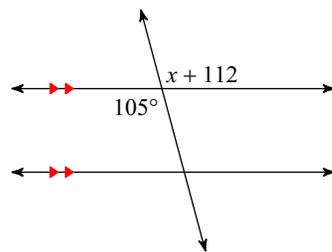
28)



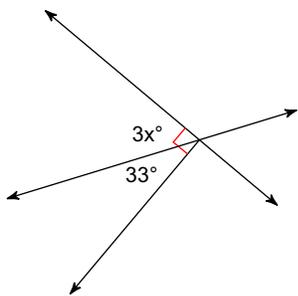
29)



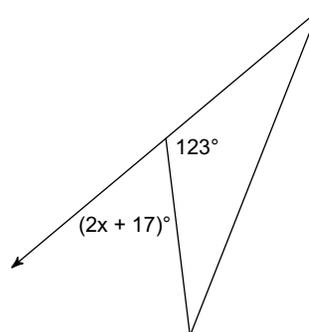
30)

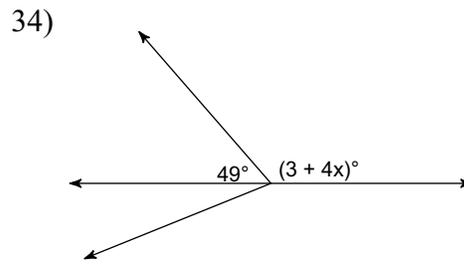
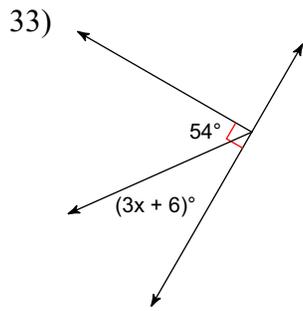


31)



32)





**Solve for  $x$ . Then find the degree measure of each angle.**

