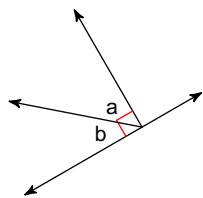


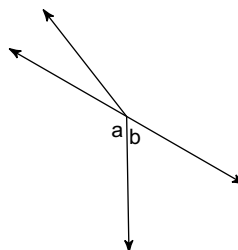
# Geometry - Homework 8

**Name the relationship: complementary, linear pair, vertical, adjacent, alternate interior, corresponding, or alternate exterior.**

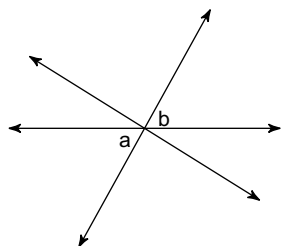
1)



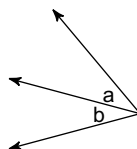
2)



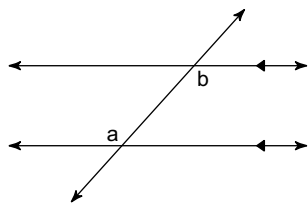
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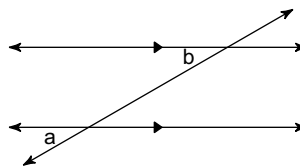
4)



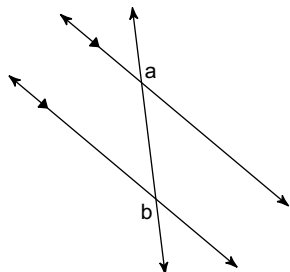
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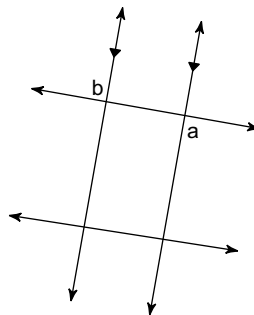
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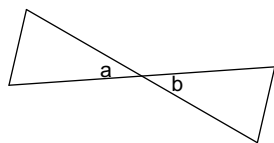
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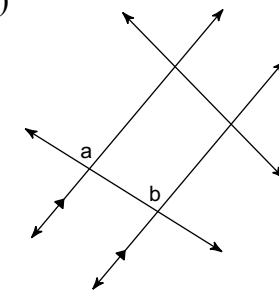
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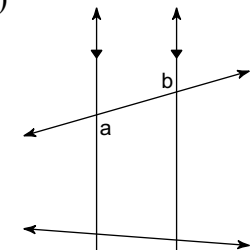
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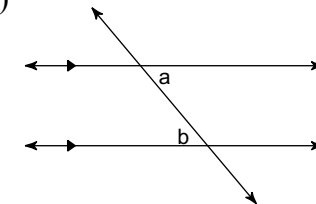
10)



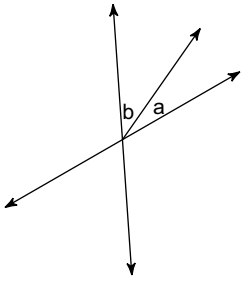
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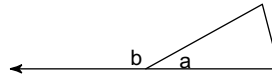
12)



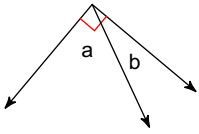
13)



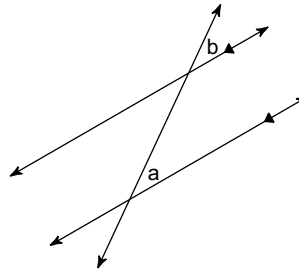
14)



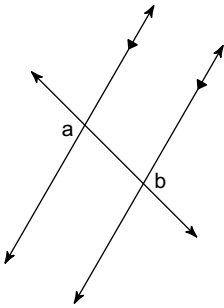
15)



16)

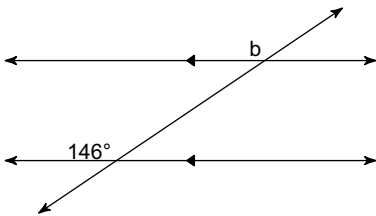


17)

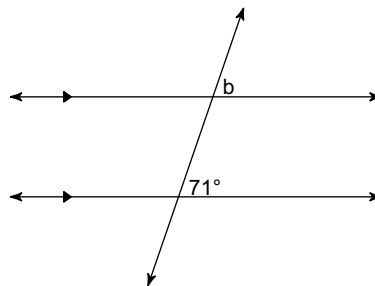


**Find the measure of angle b.**

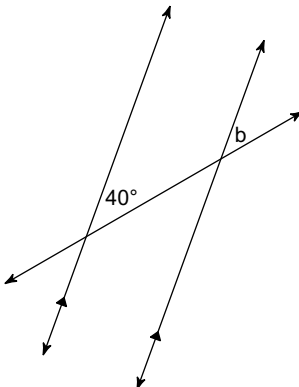
18)



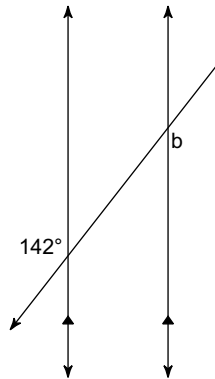
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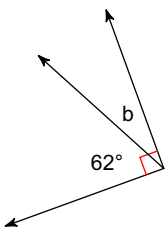
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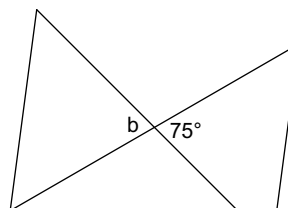
21)



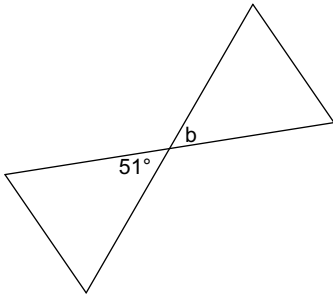
22)



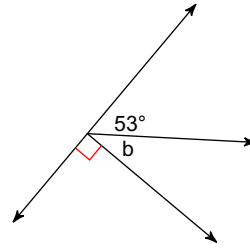
23)



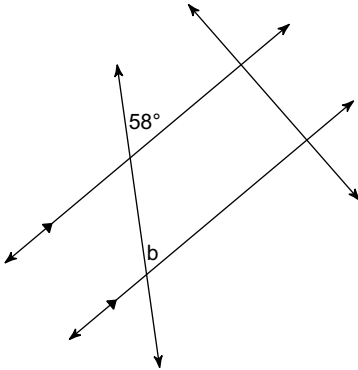
24)



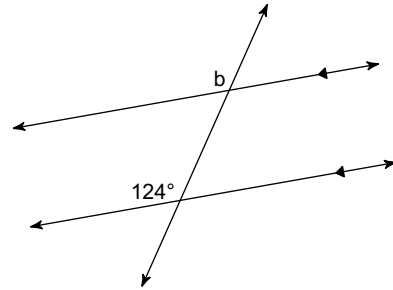
25)



26)

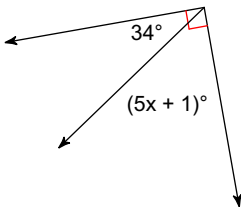


27)

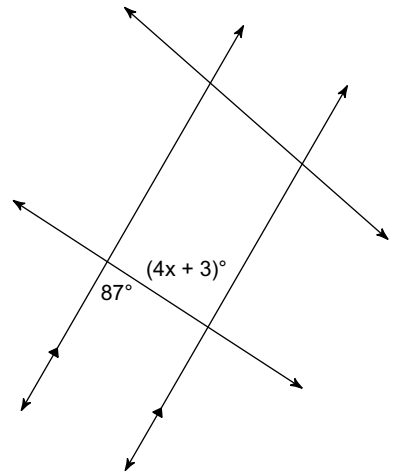


**Find the value of x.**

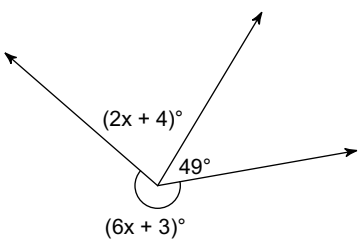
28)



29)



30)



## Answers to Geometry - Homework 8

- |                        |                        |                       |                       |
|------------------------|------------------------|-----------------------|-----------------------|
| 1) complementary       | 3) vertical            | 5) alternate interior | 7) alternate exterior |
| 9) vertical            | 11) alternate interior | 13) adjacent          | 15) complementary     |
| 17) alternate exterior | 19) $71^\circ$         | 21) $142^\circ$       | 23) $75^\circ$        |
| 25) $37^\circ$         | 27) $124^\circ$        | 29) 21                |                       |