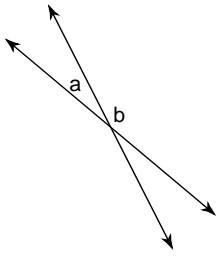


## Review of Angle and Parallel Lines

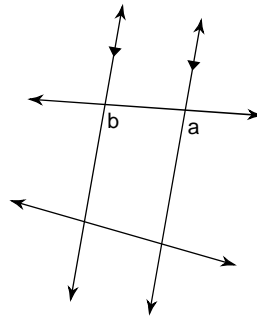
© 2016 Kuta Software LLC. All rights reserved.

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

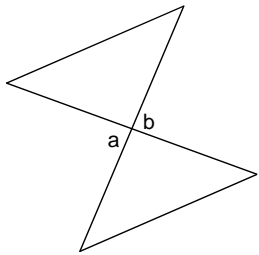
1)



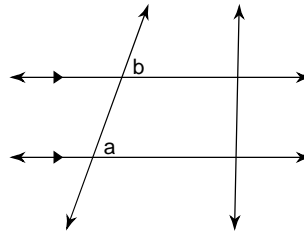
2)



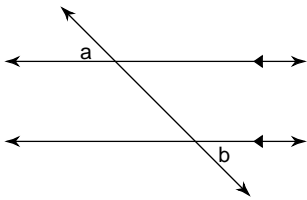
3)



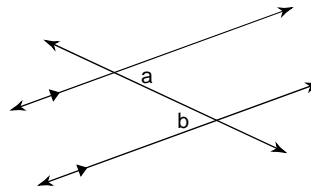
4)



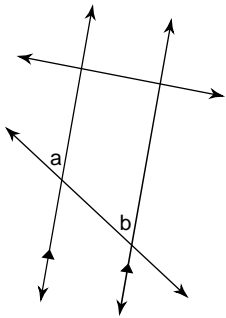
5)



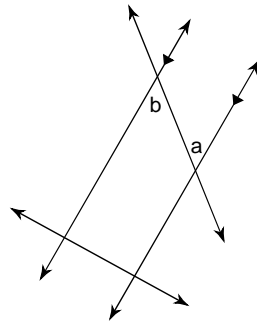
6)



7)

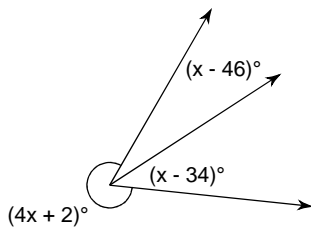


8)

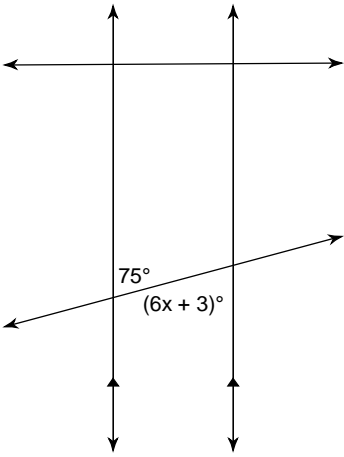


**Find the value of x.**

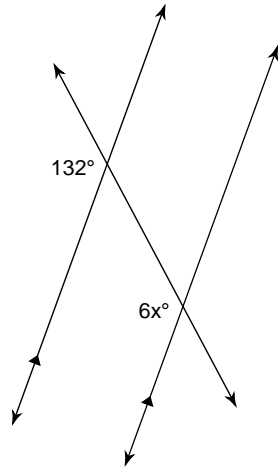
9)



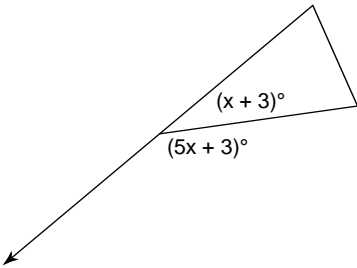
10)



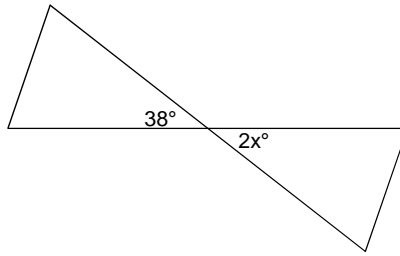
11)



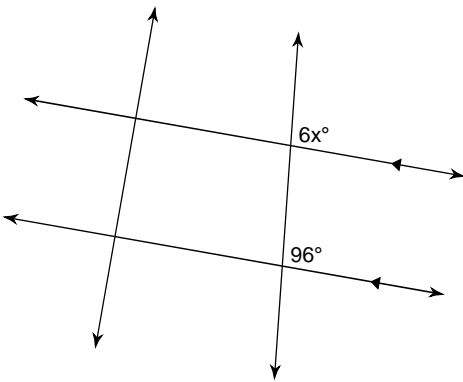
12)



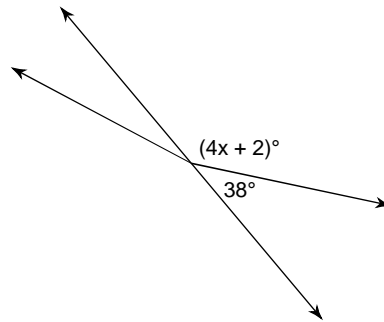
13)



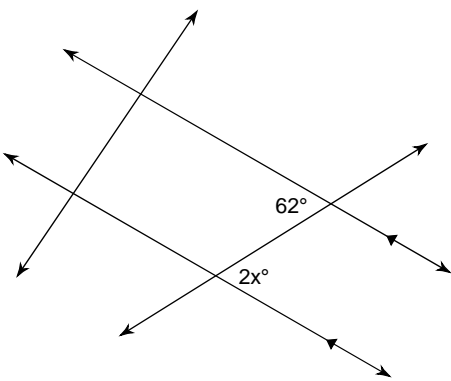
14)



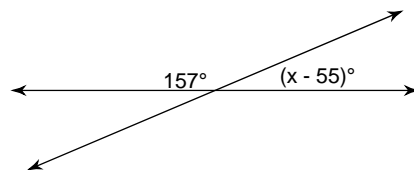
15)



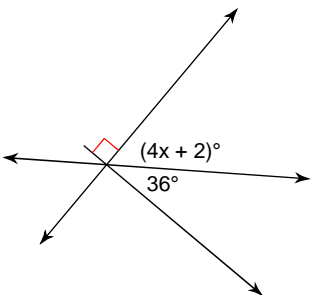
16)



17)

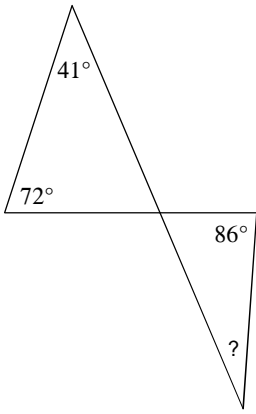


18)

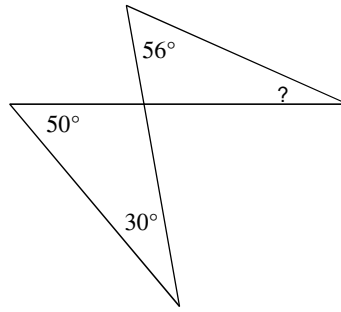


Find the measure of each angle indicated.

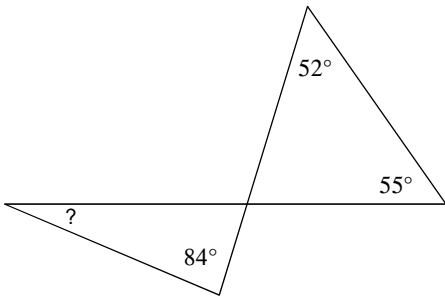
19)



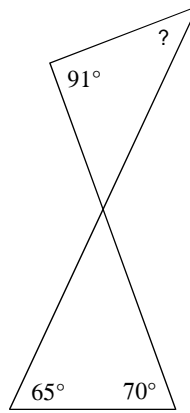
20)



21)

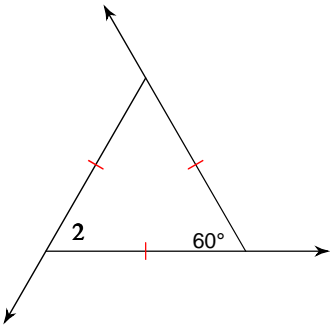


22)

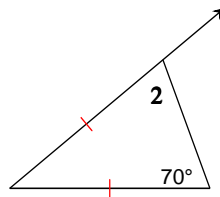


Find the value of  $x$ .

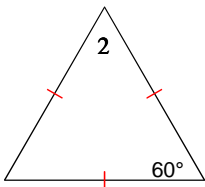
23)  $m\angle 2 = 11x - 6$



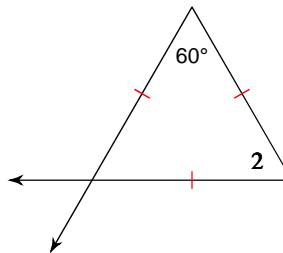
24)  $m\angle 2 = 7x$



25)  $m\angle 2 = x + 68$



26)  $m\angle 2 = 5x$



## Answers to Review of Angle and Parallel Lines (ID: 1)

- |                       |                       |                  |                       |
|-----------------------|-----------------------|------------------|-----------------------|
| 1) linear pair        | 2) corresponding      | 3) vertical      | 4) corresponding      |
| 5) alternate exterior | 6) alternate interior | 7) corresponding | 8) alternate interior |
| 9) 73                 | 10) 12                | 11) 22           | 12) 29                |
| 13) 19                | 14) 16                | 15) 35           | 16) 31                |
| 17) 78                | 18) 13                | 19) $27^\circ$   | 20) $24^\circ$        |
| 21) $23^\circ$        | 22) $44^\circ$        | 23) 6            | 24) 10                |
| 25) -8                | 26) 12                |                  |                       |