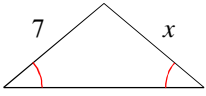


Mixed Practice 3.1-3.4

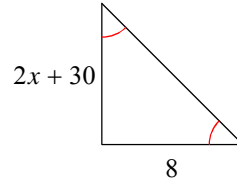
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Find the value of x .

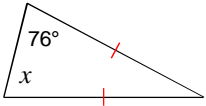
1)



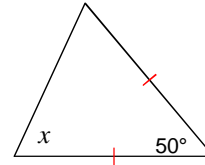
2)



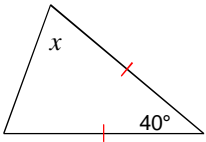
3)



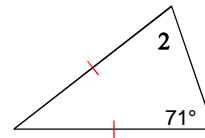
4)



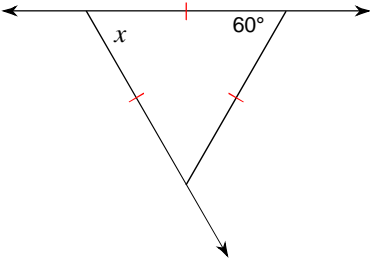
5)



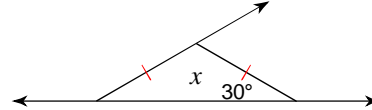
6) $m\angle 2 = 7x + 8$



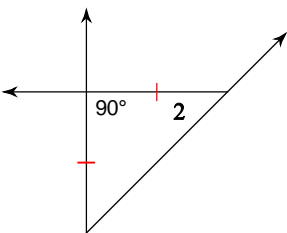
7)



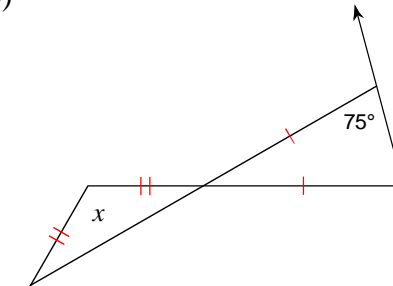
8)



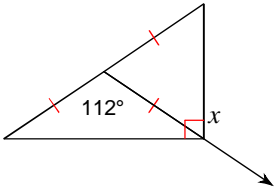
9) $m\angle 2 = x + 54$



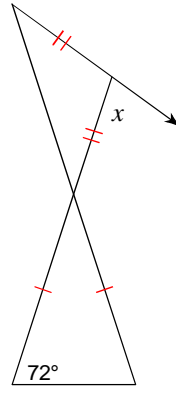
10)



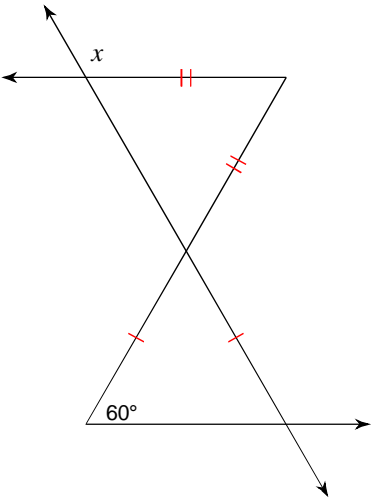
11)



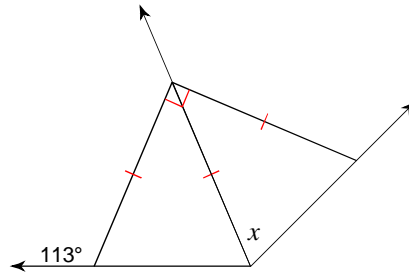
12)



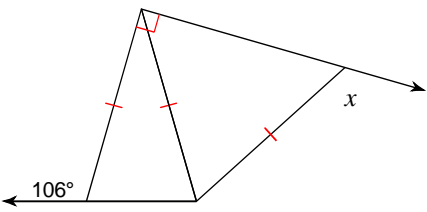
13)



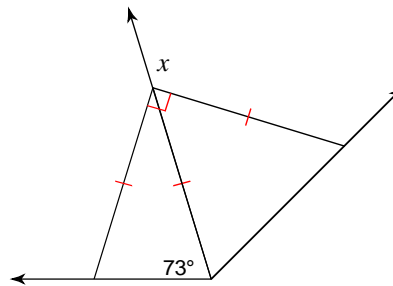
14)



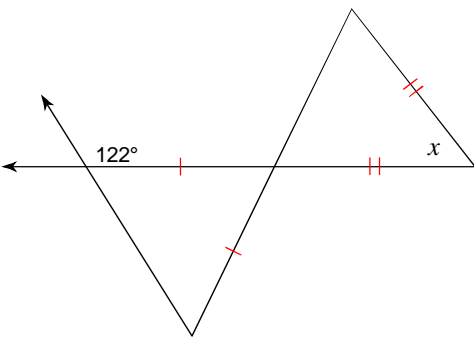
15)



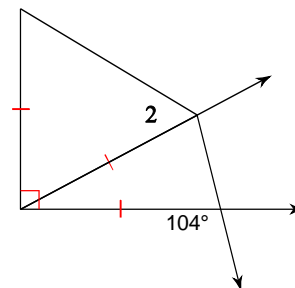
16)



17)

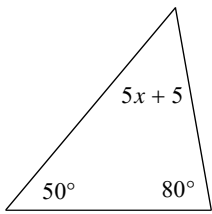


18) $m\angle 2 = 3x + 23$

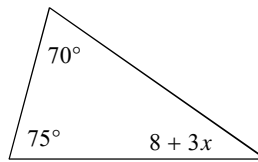


Solve for x .

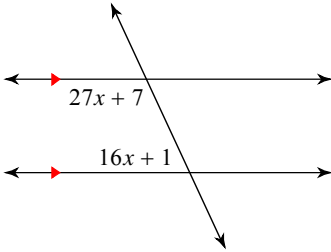
19)



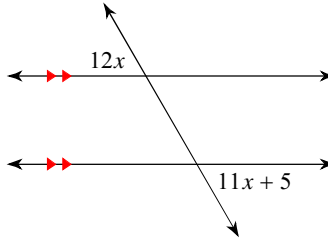
20)



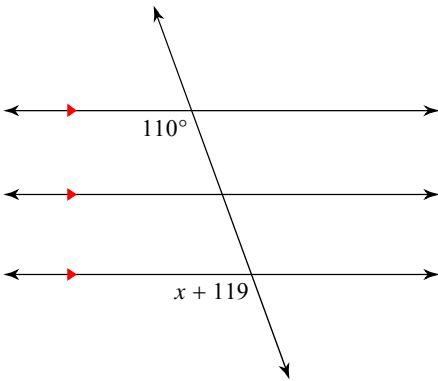
21)



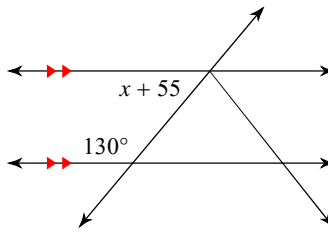
22)



23)

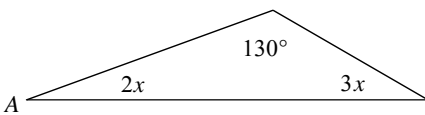


24)



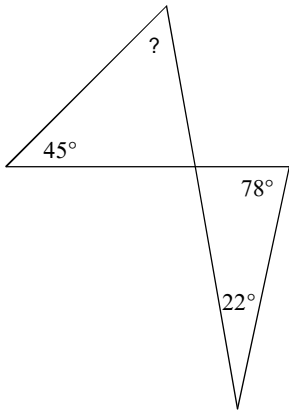
Find the measure of angle A.

25)

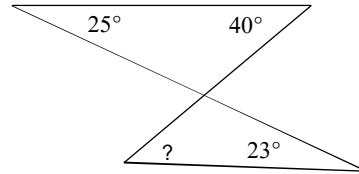


Find the measure of each angle indicated.

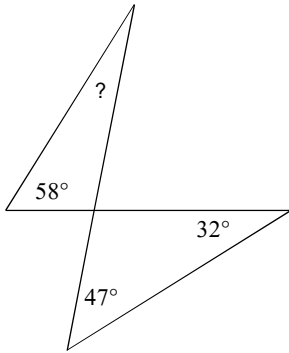
26)



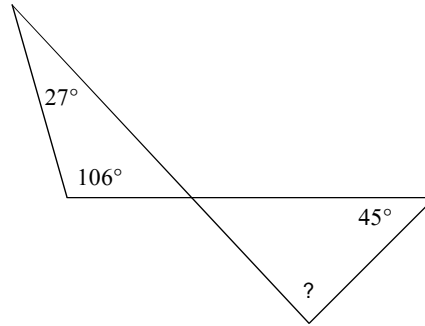
27)



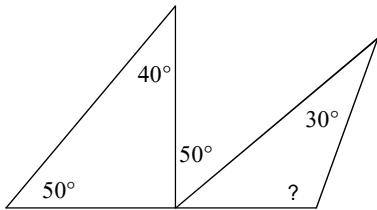
28)



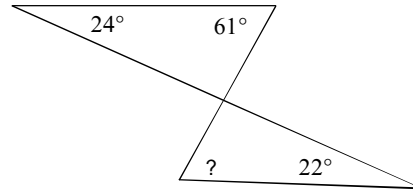
29)



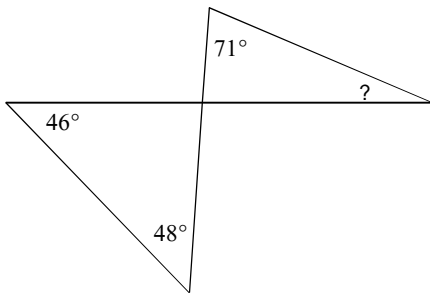
30)



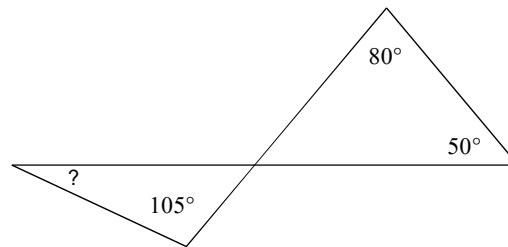
31)



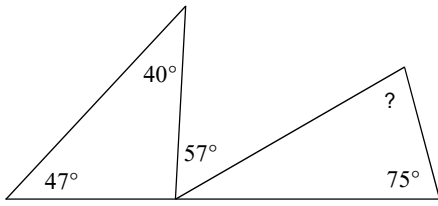
32)



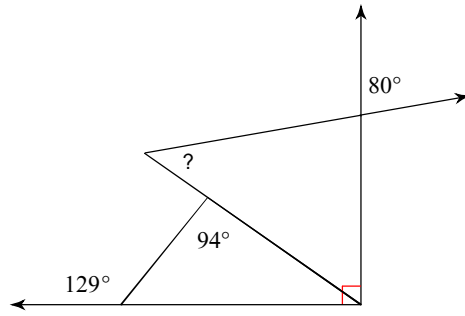
33)



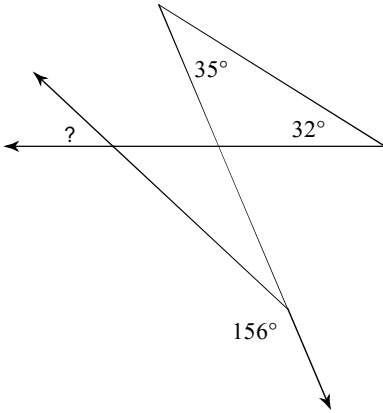
34)



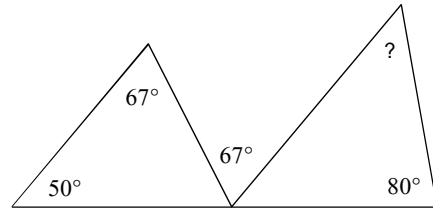
35)



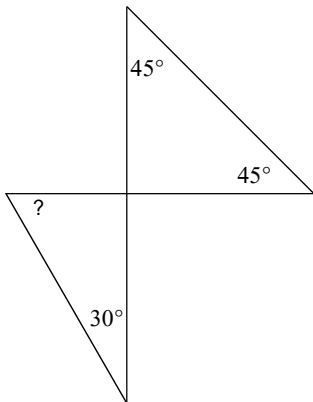
36)



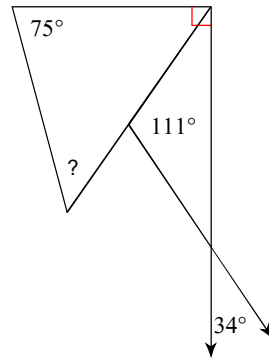
37)



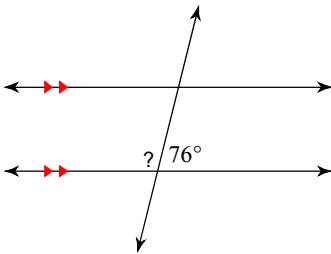
38)



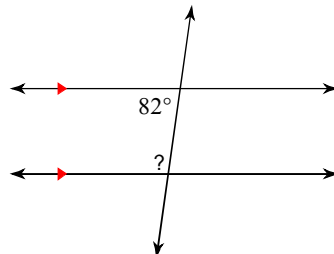
39)



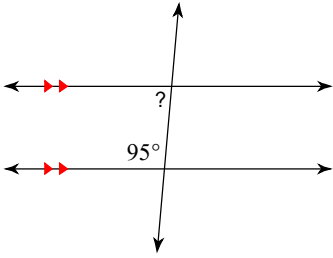
40)



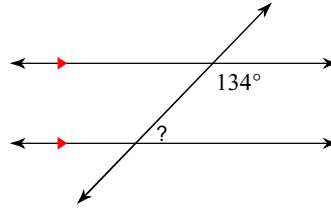
41)



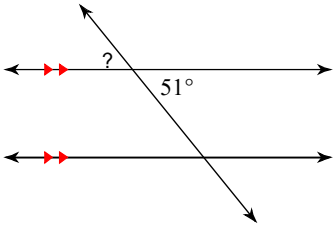
42)



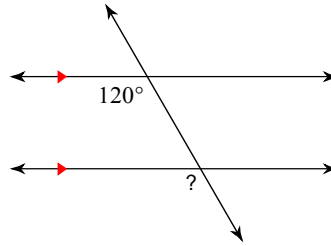
43)



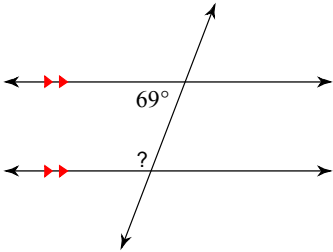
44)



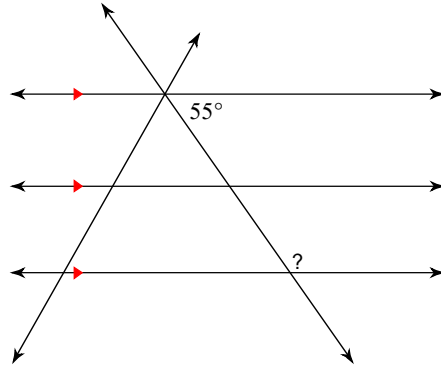
45)



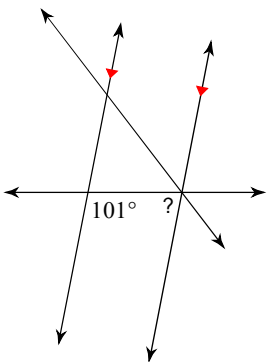
46)



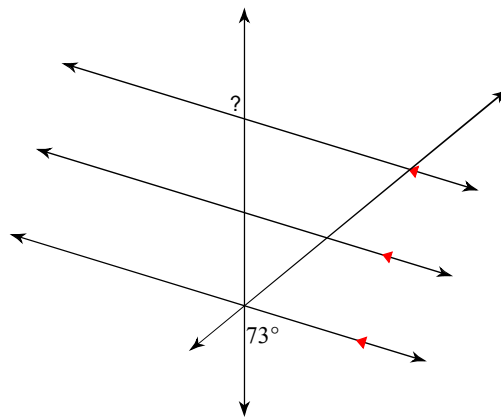
47)



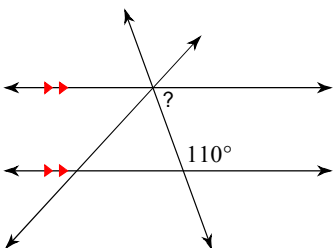
48)



49)



50)



Answers to Mixed Practice 3.1-3.4

- | | | | |
|-----------------|-----------------|-----------------|-----------------|
| 1) 7 | 2) -11 | 3) 76° | 4) 65° |
| 5) 70° | 6) 9 | 7) 60° | 8) 120° |
| 9) -9 | 10) 120° | 11) 124° | 12) 72° |
| 13) 120° | 14) 68° | 15) 122° | 16) 124° |
| 17) 52° | 18) 12 | 19) 9 | 20) 9 |
| 21) 4 | 22) 5 | 23) -9 | 24) -5 |
| 25) 20° | 26) 55° | 27) 42° | 28) 21° |
| 29) 88° | 30) 110° | 31) 63° | 32) 23° |
| 33) 25° | 34) 75° | 35) 45° | 36) 43° |
| 37) 50° | 38) 60° | 39) 50° | 40) 104° |
| 41) 98° | 42) 85° | 43) 46° | 44) 51° |
| 45) 120° | 46) 111° | 47) 125° | 48) 79° |
| 49) 73° | 50) 70° | | |