

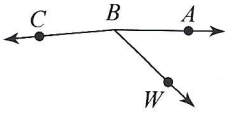
GEOMETRY

NTI

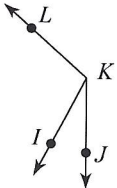
DAY #1

NTI Day #1

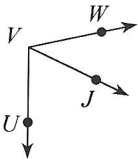
- 1) $m\angle WBC = 131^\circ$ and $m\angle ABW = 43^\circ$.
Find $m\angle ABC$.



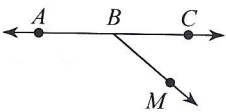
- 3) $m\angle IKL = 104^\circ$ and $m\angle JKI = 28^\circ$.
Find $m\angle JKL$.



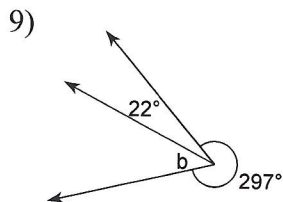
- 5) $m\angle JVU = 65^\circ$ and $m\angle WVU = 103^\circ$.
Find $m\angle WVJ$.



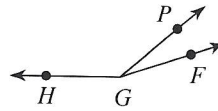
- 7) Find x if $m\angle CBM = 39x + 1$,
 $m\angle CBA = 180x$, and $m\angle MBA = 140^\circ$.



Find the measure of angle b.



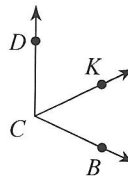
- 2) $m\angle PGF = 22^\circ$ and $m\angle HGP = 140^\circ$.
Find $m\angle HGF$.



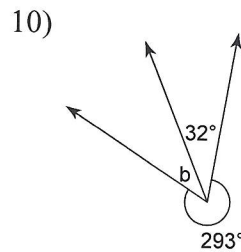
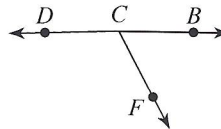
- 4) Find $m\angle FGH$ if $m\angle FGY = 27^\circ$
and $m\angle YGH = 150^\circ$.



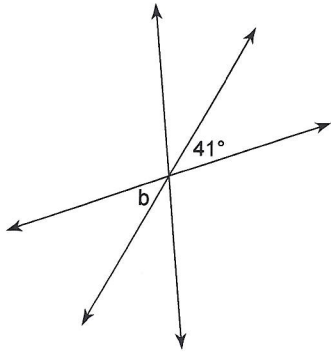
- 6) $m\angle DCK = 64^\circ$, $m\angle DCB = 14x + 2$,
and $m\angle KCB = 6x + 2$. Find x .



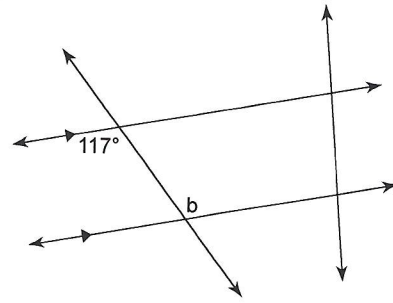
- 8) $m\angle BCF = 31x$, $m\angle FCD = 57x + 2$,
and $m\angle BCD = 178^\circ$. Find x .



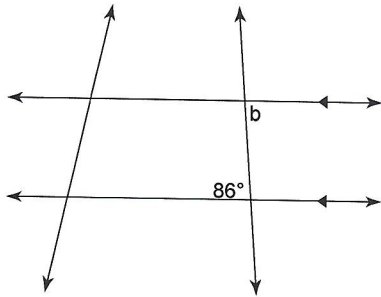
11)



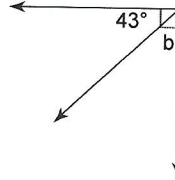
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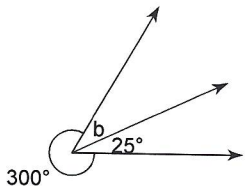
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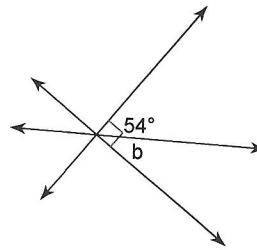
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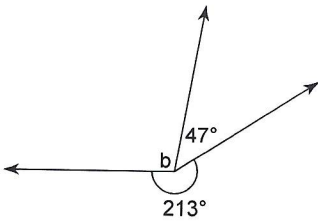
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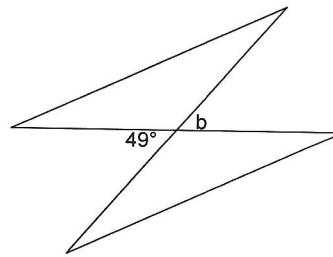
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17)

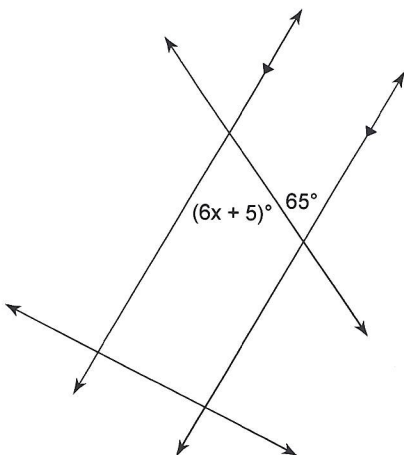


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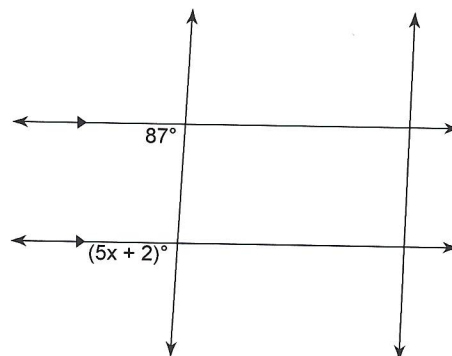


Find the value of x.

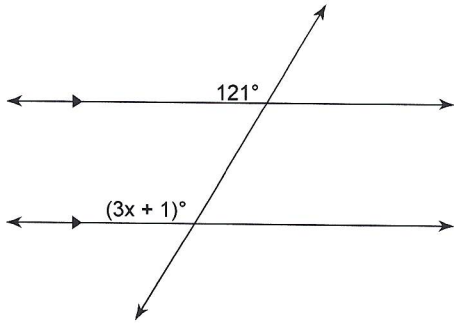
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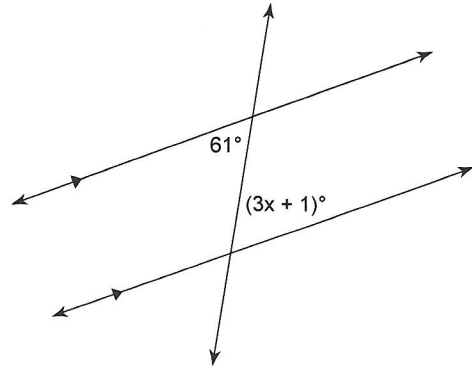
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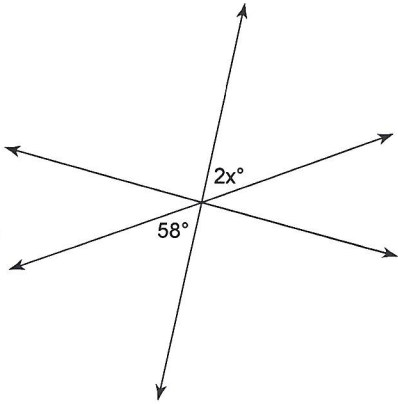
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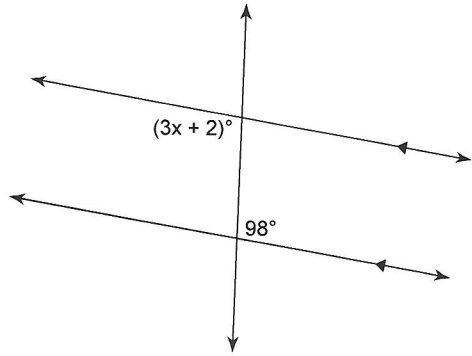
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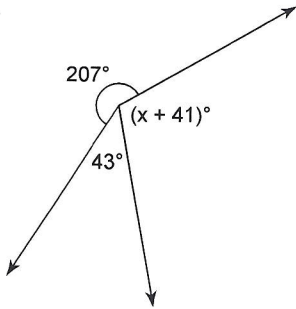
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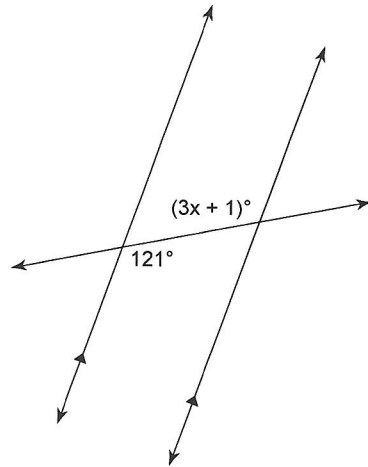
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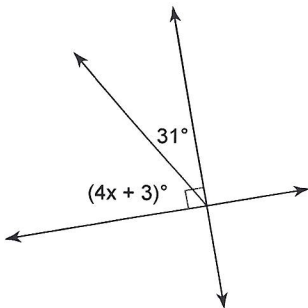
25)



26)



27)



28)

