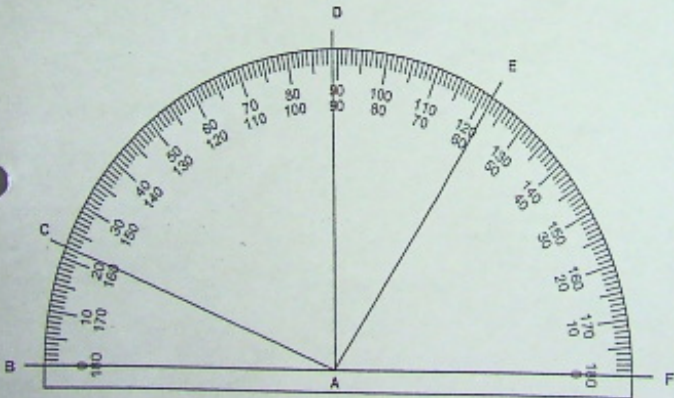
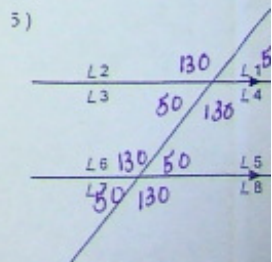
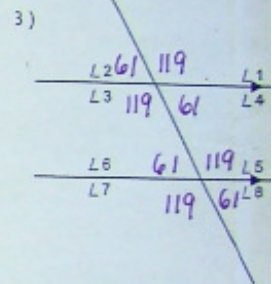
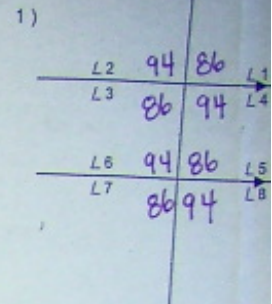
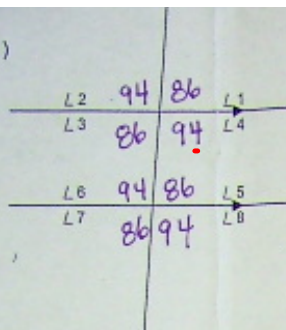


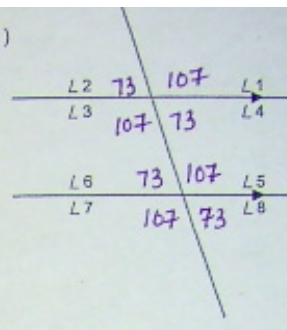
$\angle CAB$ 43° $\angle DAB$ 104° $\angle EAB$ 150° $\angle CAF$ 137° $\angle DAF$ 76° $\angle EAF$ 30°

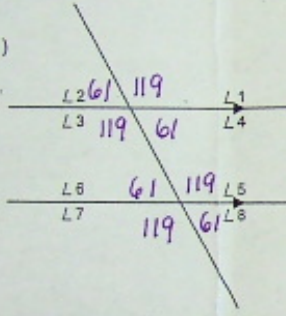


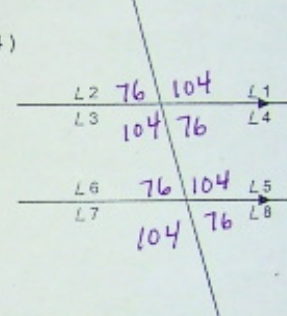
$\angle CAB$ 22° $\angle DAB$ 89° $\angle EAB$ 122° $\angle CAF$ 158° $\angle DAF$ 91° $\angle EAF$ 58°

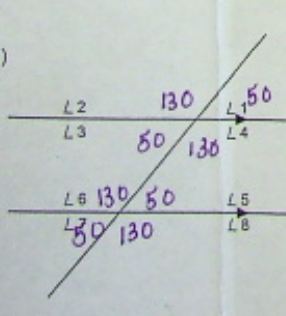


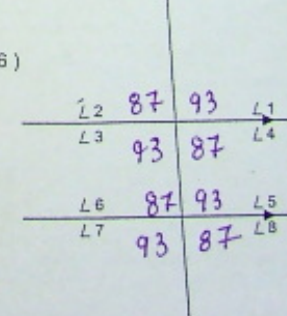
1)  $L1 = \underline{\quad}$
 $L2 = 94^\circ$
 $L3 = \underline{\quad}$
 $L4 = \underline{\quad}$
 $L5 = \underline{\quad}$
 $L6 = 94$
 $L7 = 86$
 $L8 = 94$

2)  $L1 = \underline{\quad}$
 $L2 = \underline{\quad}$
 $L3 = \underline{\quad}$
 $L4 = \underline{\quad}$
 $L5 = \underline{\quad}$
 $L6 = 73$
 $L7 = 107$
 $L8 = 73$

3) 30°  $L1 = \underline{\quad}$
 $L2 = \underline{\quad}$
 $L3 = 119^\circ$
 $L4 = \underline{\quad}$
 $L5 = \underline{\quad}$
 $L6 = 61$
 $L7 = 119$
 $L8 = 61$

4)  $L1 = \underline{\quad}$
 $L2 = \underline{\quad}$
 $L3 = \underline{\quad}$
 $L4 = \underline{\quad}$
 $L5 = \underline{\quad}$
 $L6 = 76$
 $L7 = 104$
 $L8 = 76$

5) 58°  $L1 = \underline{\quad}$
 $L2 = \underline{\quad}$
 $L3 = \underline{\quad}$
 $L4 = 130^\circ$
 $L5 = \underline{\quad}$
 $L6 = 130$
 $L7 = 50$
 $L8 = 130$

6)  $L1 = \underline{\quad}$
 $L2 = \underline{\quad}$
 $L3 = \underline{\quad}$
 $L4 = \underline{\quad}$
 $L5 = 93^\circ$
 $L6 = \underline{\quad}$
 $L7 = 87$
 $L8 = \underline{\quad}$

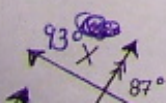
Write the relationship of angle 1 and 2 in each case: Corresponding, alternate interior, alternate exterior or co-interior.

Answer: <u>Corresponding</u>	Answer: <u>Co-Int.</u>
Answer: <u>Alt. Ext.</u>	Answer: <u>Co-Int.</u>
Answer: <u>Alt. Int.</u>	Answer: <u>Corresponding</u>

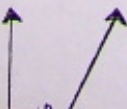
2. Write the relationship of angle 1 and 2 in each case: Complementary, supplementary or vertical.

Answer: <u>Supplementary</u>	Answer: <u>Vert. Opp. Angle</u>
Answer: <u>Complementary</u>	Answer: <u>Complementary</u>
Answer: <u>Vert Opp.</u>	Answer: <u>Supplementary</u>

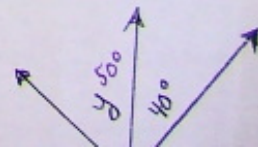
5.



6.

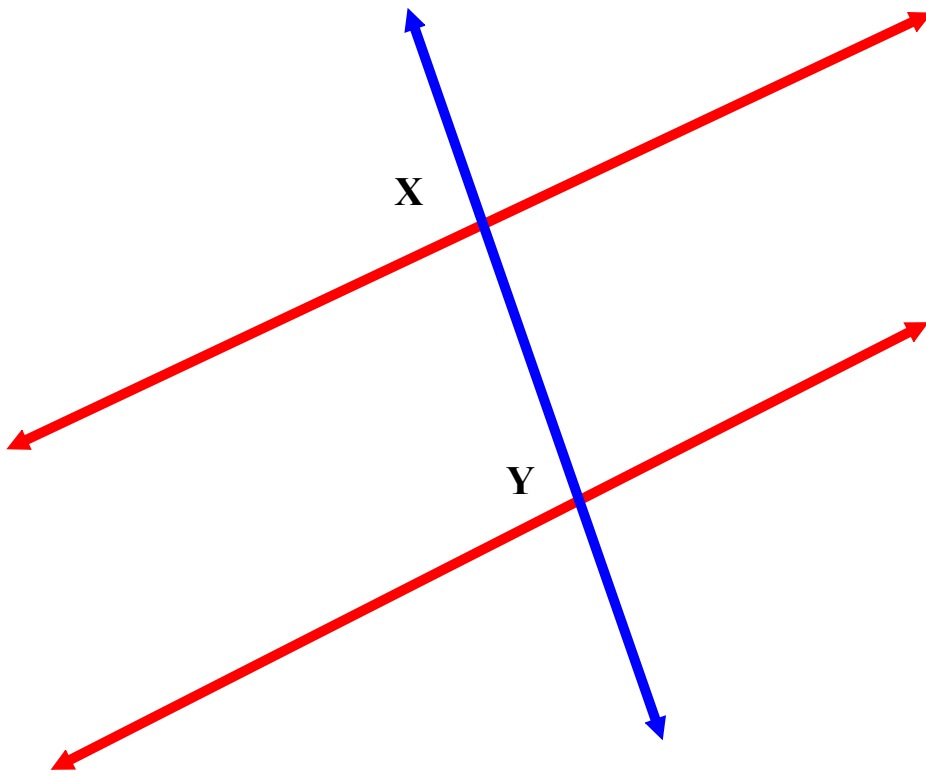


7.

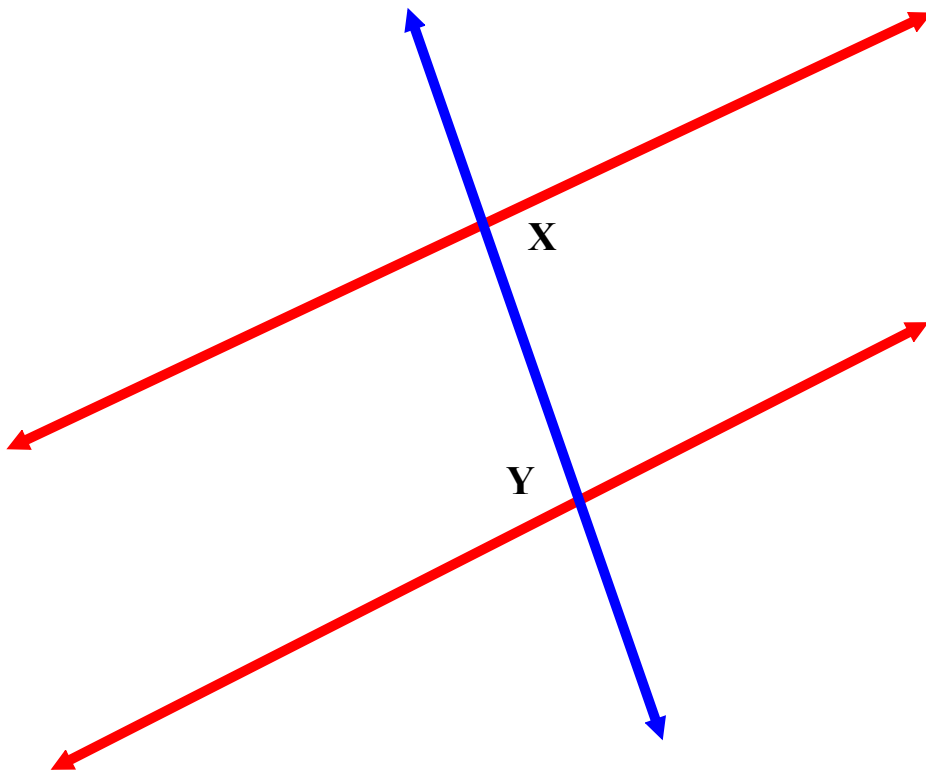


8.

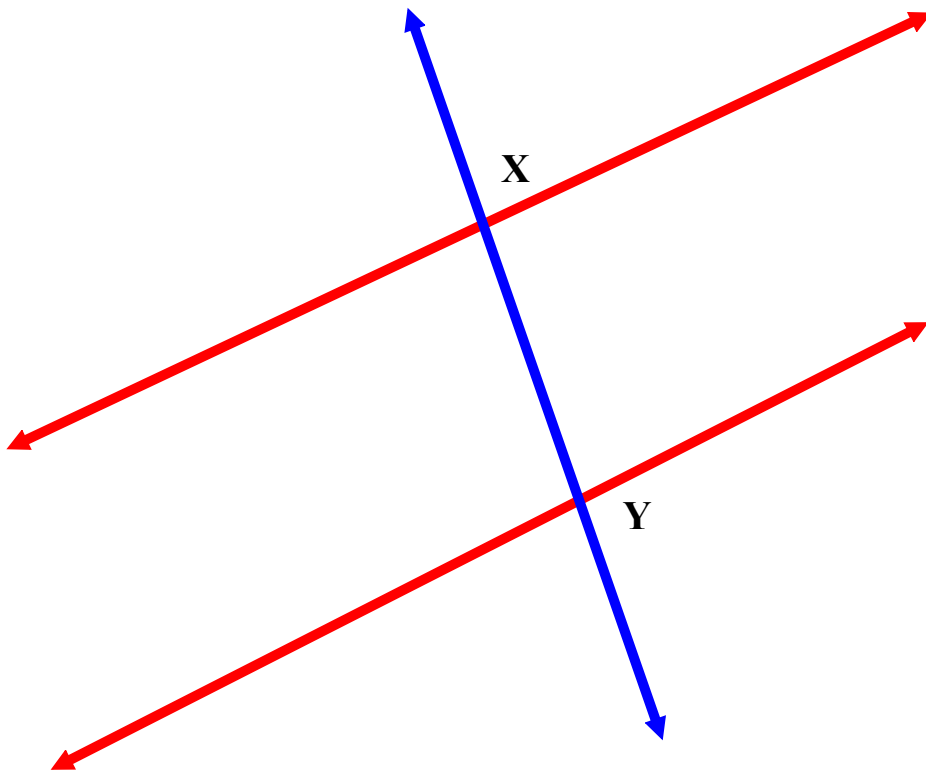
State the Rule



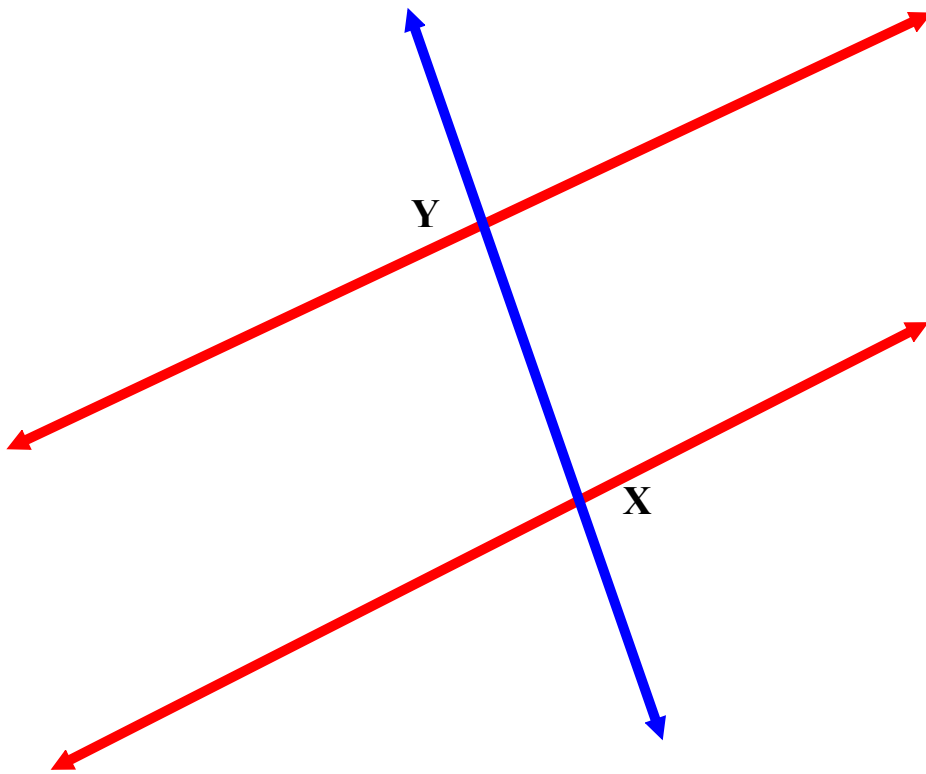
State the Rule



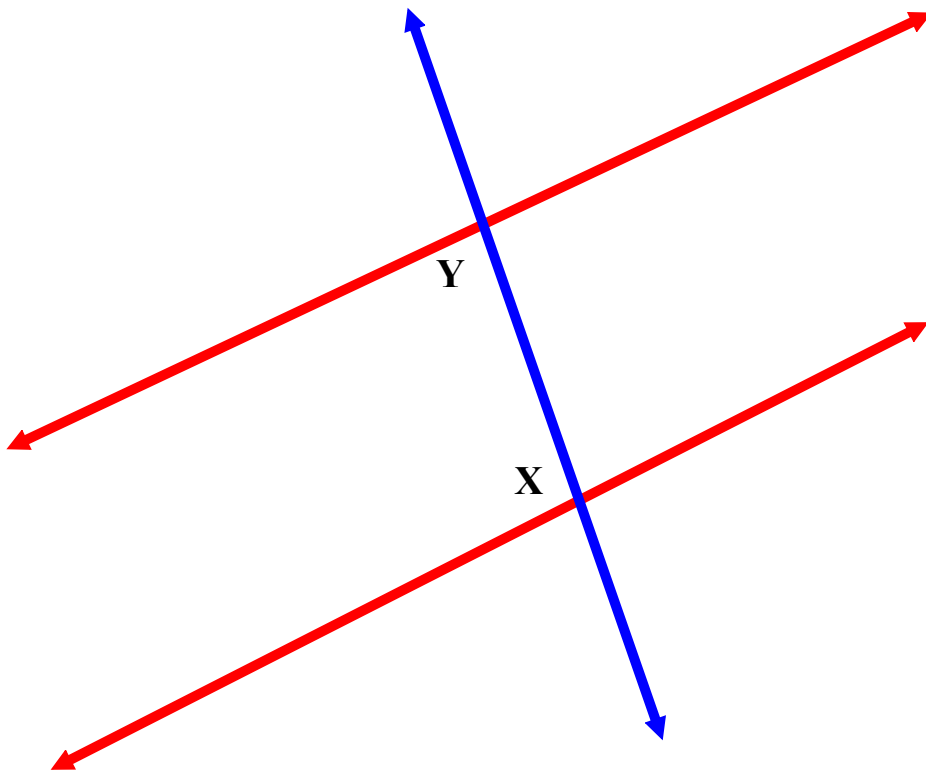
State the Rule

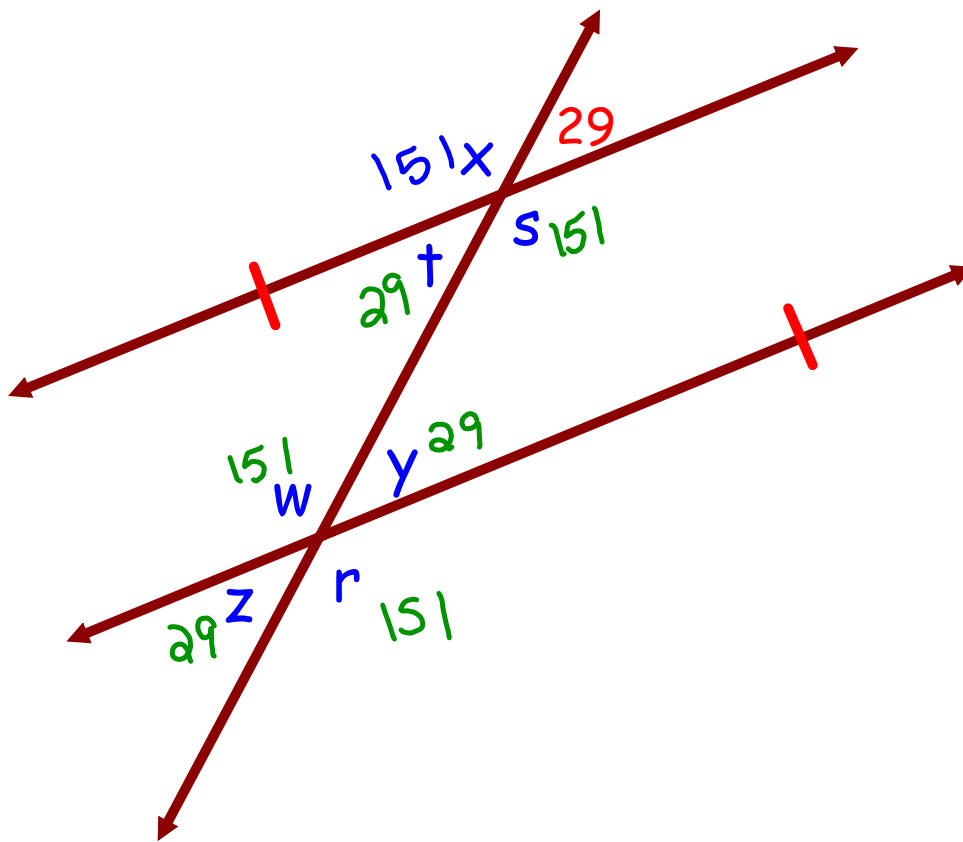


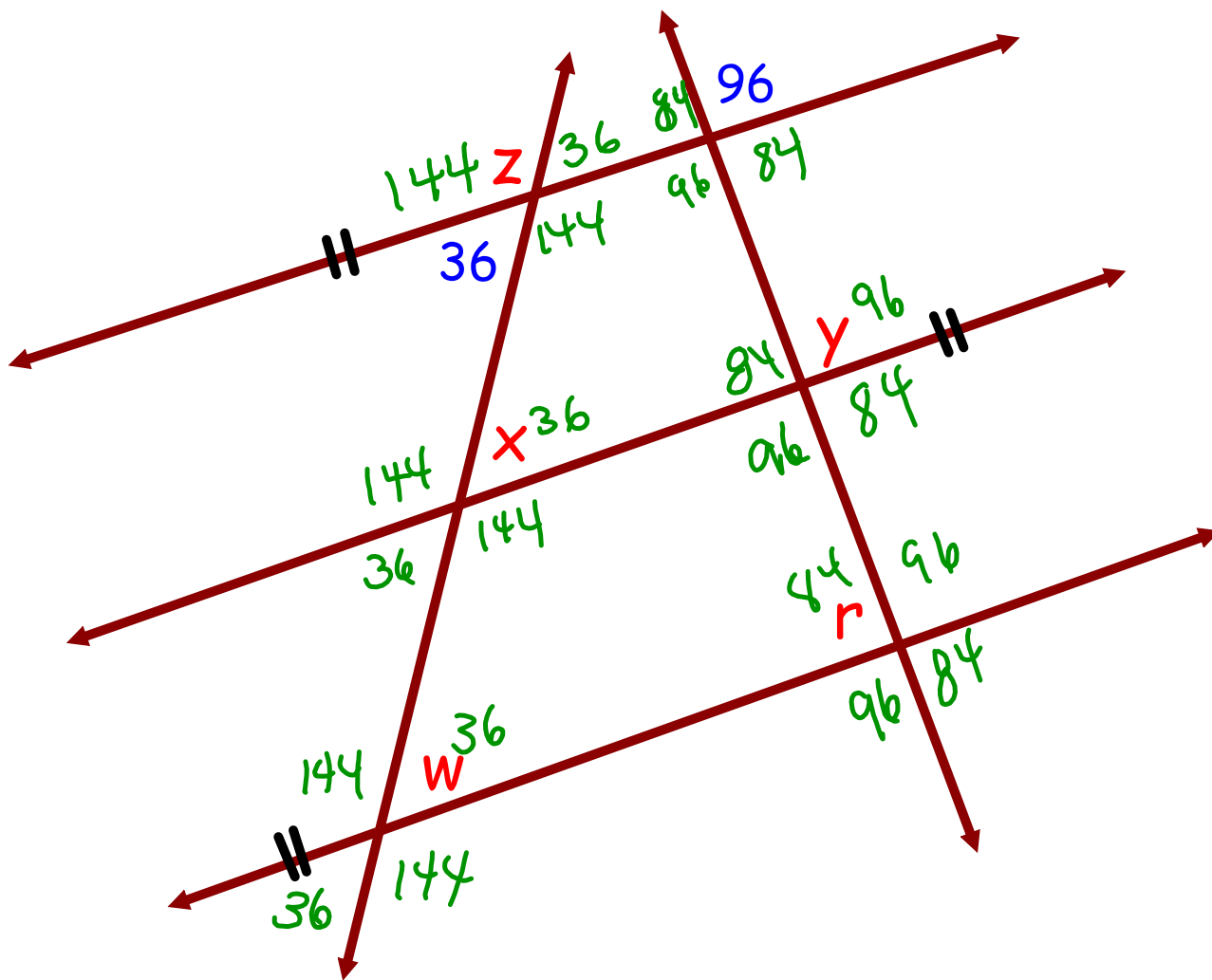
State the Rule

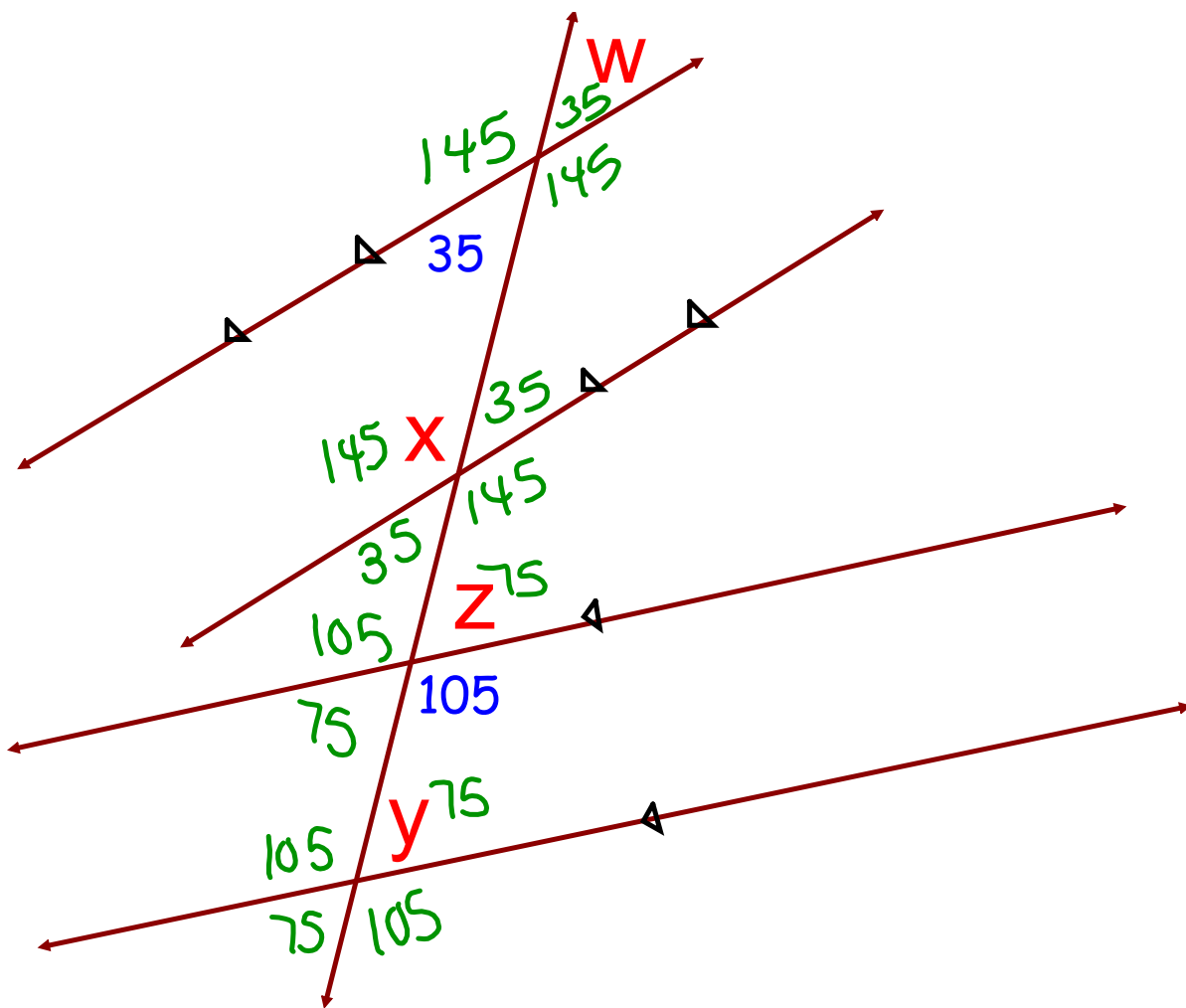


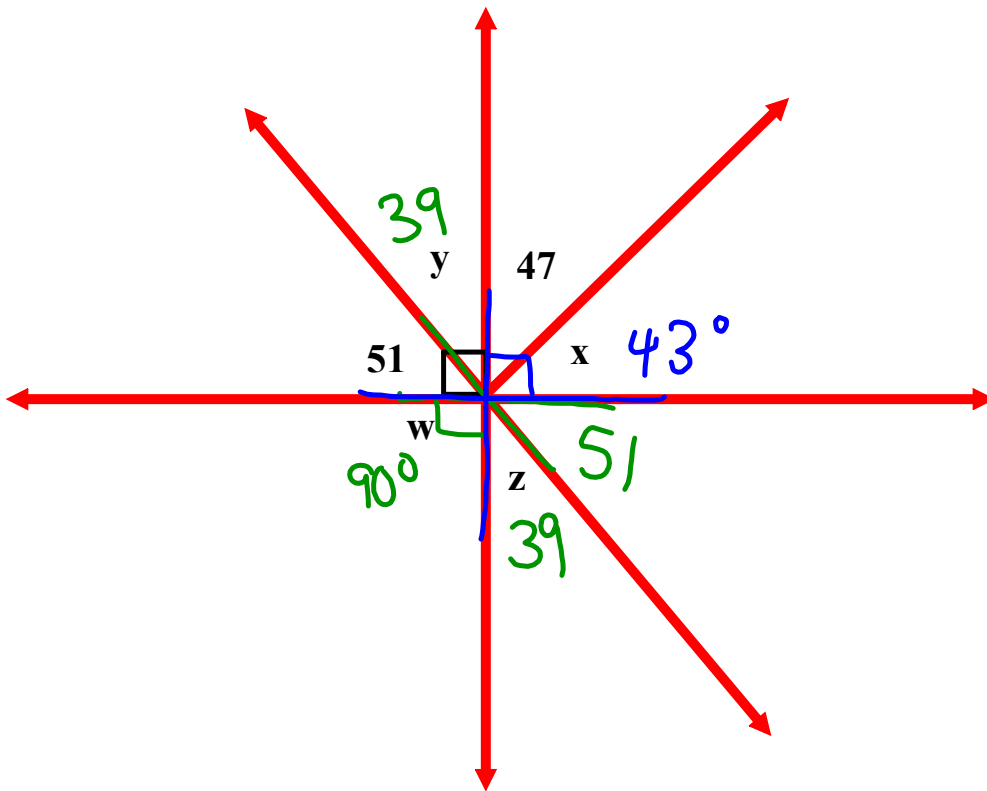
State the Rule

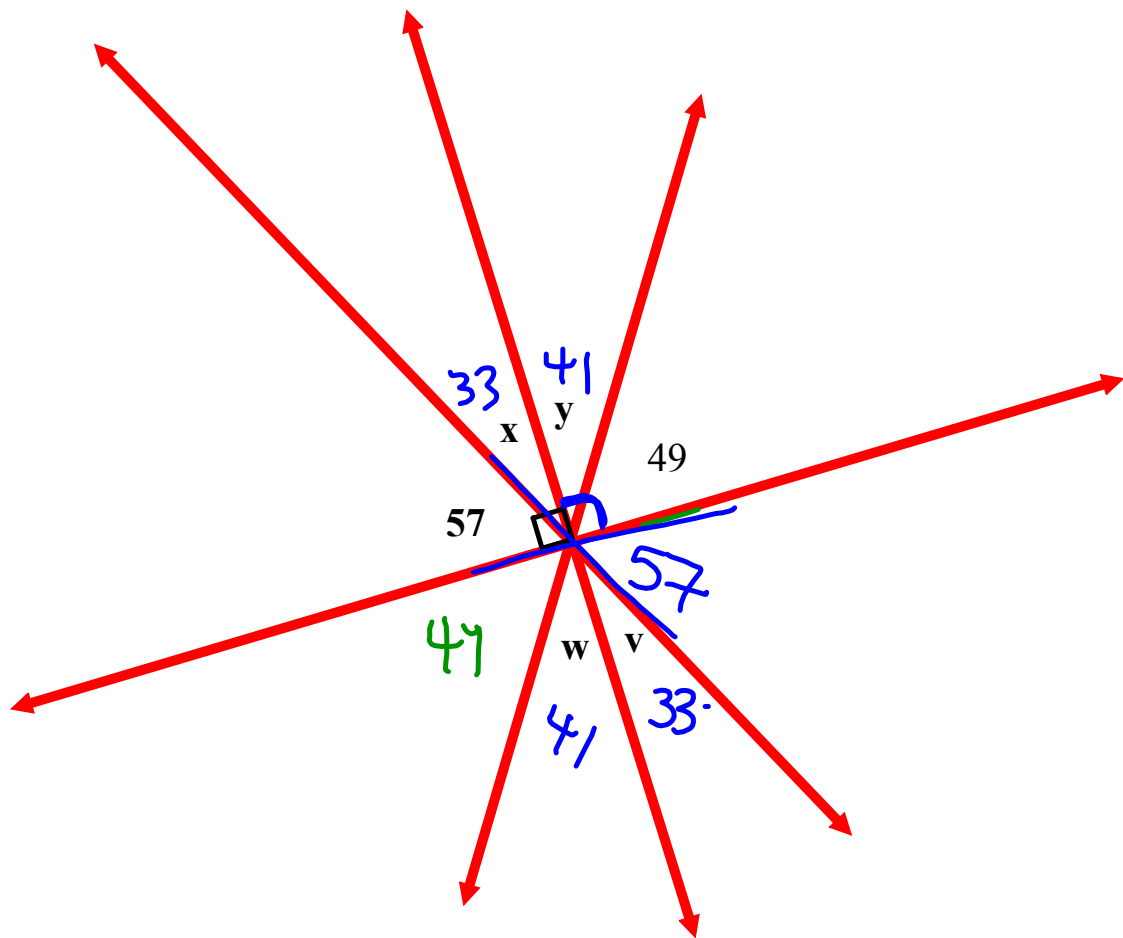






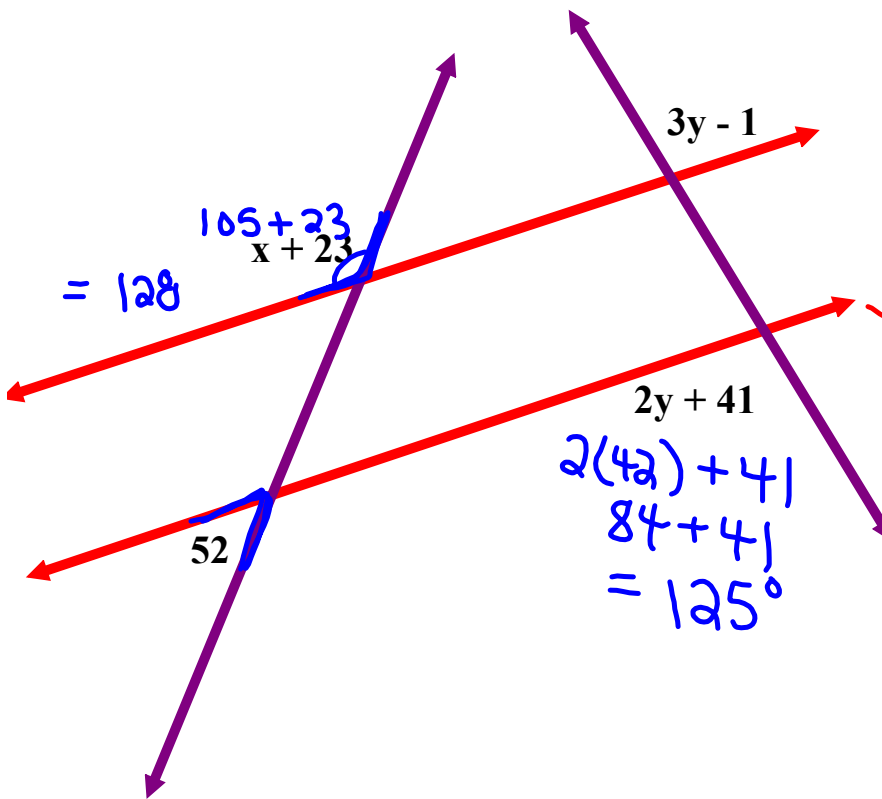






Solve for x & y

$y = \#$



$$x + 23 + 52 = 180$$

$$x + 75 = 180$$

$$x = 180 - 75$$

$$x = 105$$

$$3y - 1 = 2y + 41$$

$$3y - 2y = 41 + 1$$

$$y = 42^\circ$$

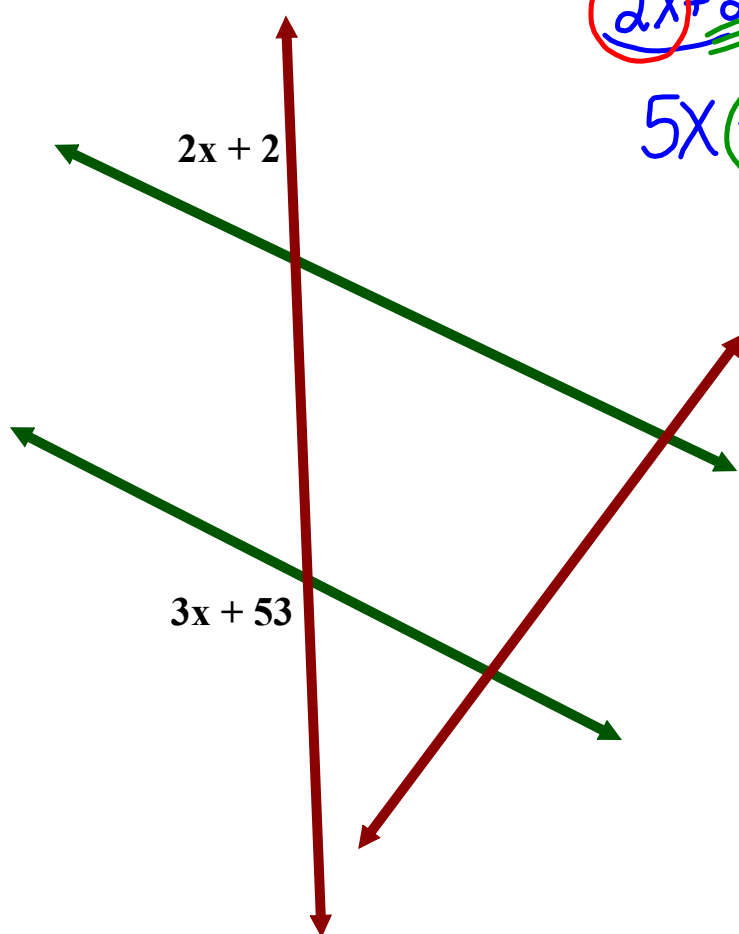
$$105 + 23 = 128$$

$$2(42) + 41$$

$$84 + 41$$

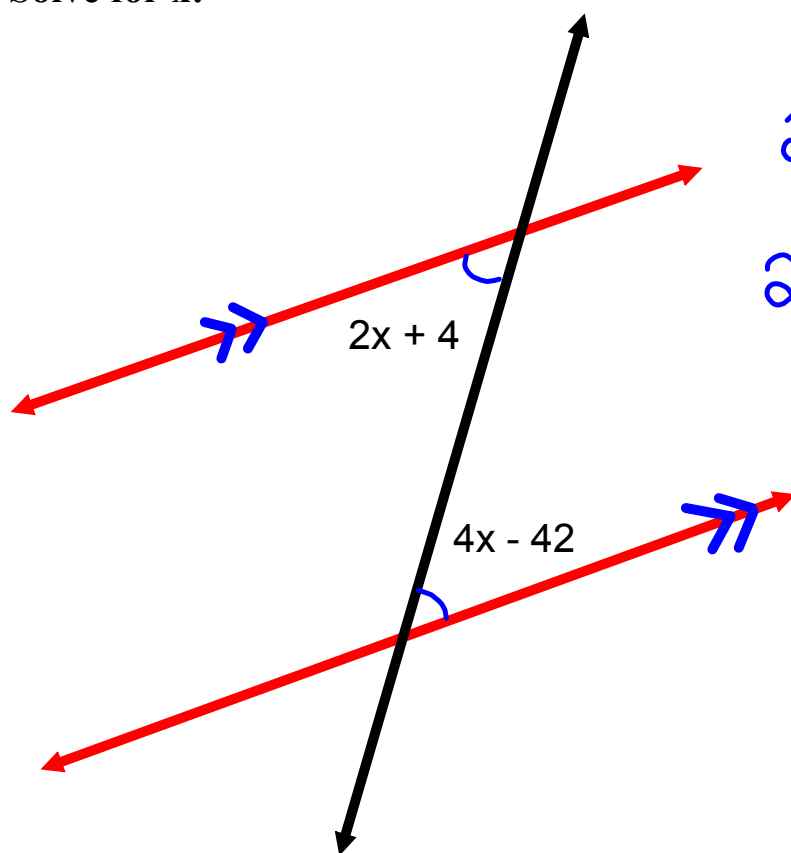
$$= 125^\circ$$

Solve for x:



$$\begin{aligned} \underline{2x+2} + \underline{3x+53} &= 180 \\ 5x + 55 &= 180 - 55 \\ \frac{5x}{5} &= \frac{125}{5} \\ x &= 25 \end{aligned}$$

Solve for x:



$$2x + 4 = 4x - 42$$

$$2x - 4x = -42 - 4$$

$$\frac{-2x}{-2} = \frac{-46}{-2}$$

$$x = 23^\circ$$