

Warm up October 5, 2015

$2x + 15 = 25$
 $-15 \quad -15$
 $2x = 10$
 $x = 5$

$2x + 2 = x + 56$
 $x = 54$

$2x + 15$
 25

$2x + 2$
 $x + 56$
 $y + 7$

State the value of x and the measure of each angle

Oct 5-1:18 PM

\cong
 Vertical ~~\neq~~
 alt int ~~\neq~~
 alt ext ~~\neq~~
 Corresponding

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17

$m\angle 1 = 150^\circ$
 $m\angle 2 = 150^\circ$

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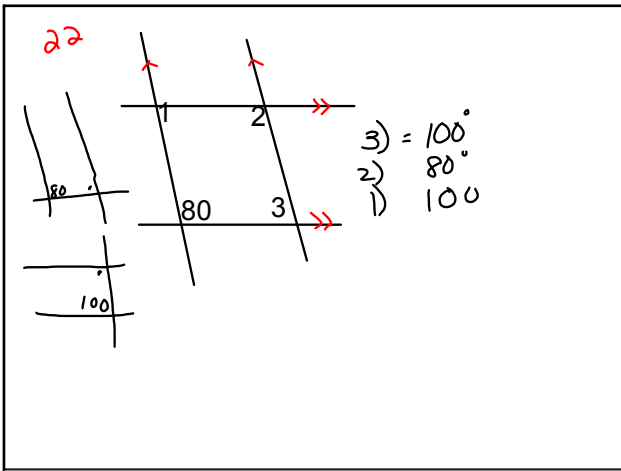
$m\angle 1 = 122^\circ$
 $m\angle 2 = 58^\circ$

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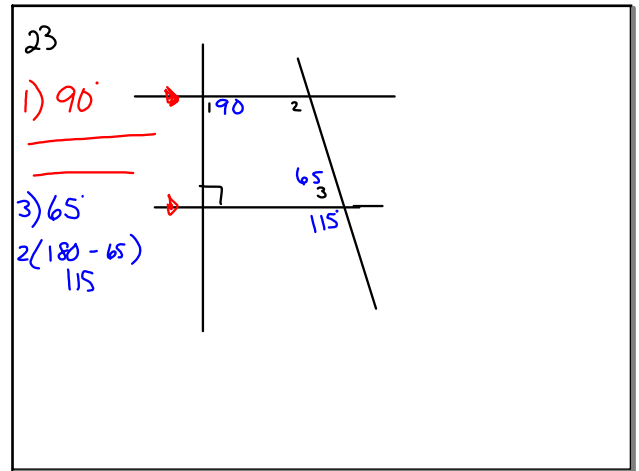
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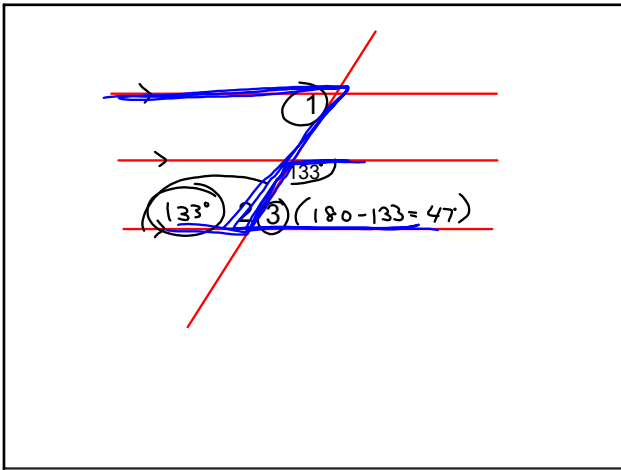
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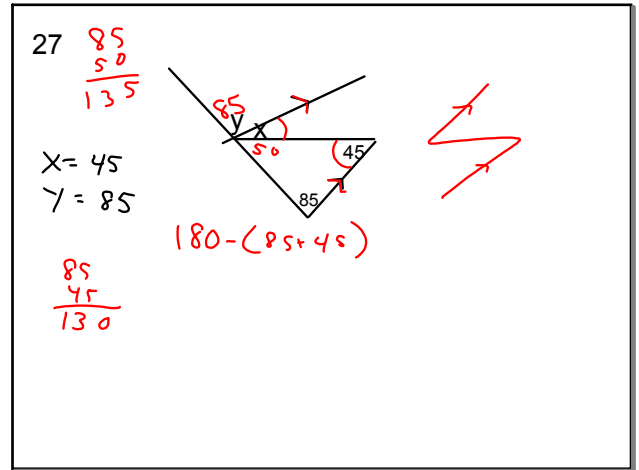
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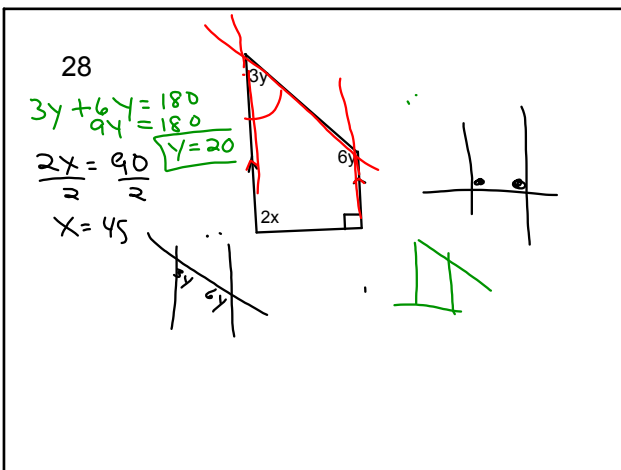
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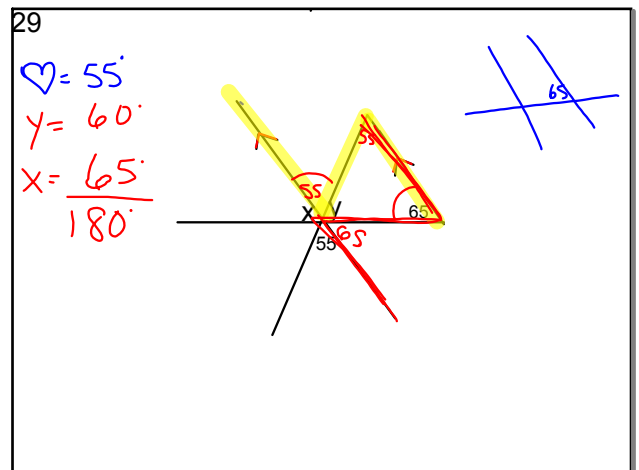
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Oct 5-1:28 PM



Oct 5-1:30 PM



Oct 5-1:32 PM

30

$$5y - 5 + 135 = 180$$

$$5y + 130 = 180$$

$$5y - 130 - 130 = 180 - 130$$

$$5y = 50$$

$$y = 10$$

$$60 = 3x$$

$$20 = x$$

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31

$$38 + 4x = 90$$

$$4x = 52$$

$$x = 13$$

$$90$$

$$54$$

$$90 + 52 + 3y + 2 = 180$$

$$144 + 3y = 180$$

$$-144$$

$$3y = 36$$

$$y = 12$$

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$$5x + 14x - 10 = 180$$

$$19x - 10 = 180$$

$$19x = 190$$

$$x = 10$$

$$y = 25$$

Oct 5-1:38 PM

③

$$3x = 120$$

$$x = 40$$

④

$$135 = 2x + 4$$

$$-135$$

$$120 = 2x$$

$$60 = x$$

Oct 6-2:28 PM

$$150 + 3x - 15 = 180$$

$$3x - 15 = 30$$

$$3x = 45$$

$$x = 15$$

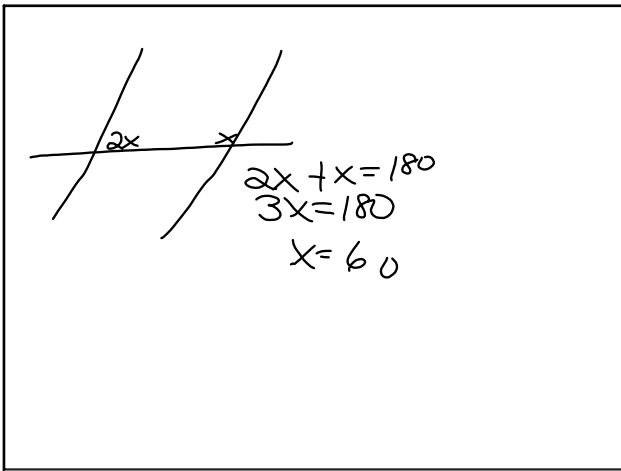
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$$180 - x = x$$

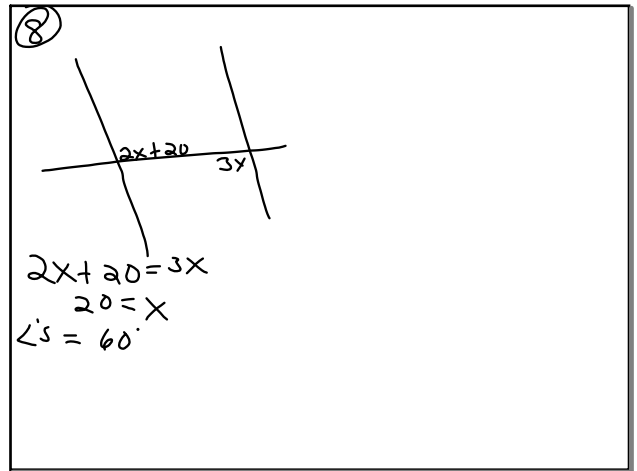
$$180 = 2x$$

$$90 = x$$

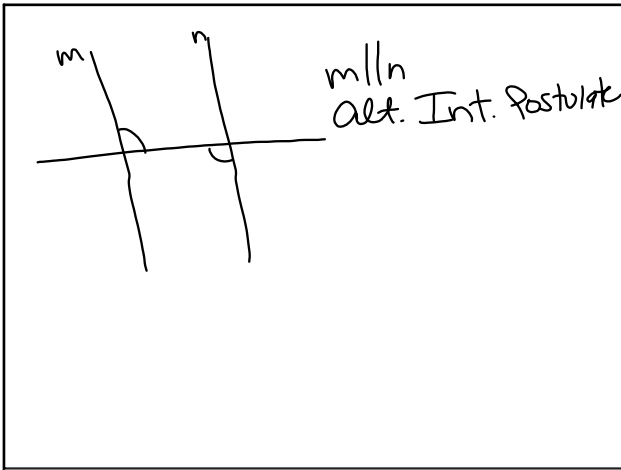
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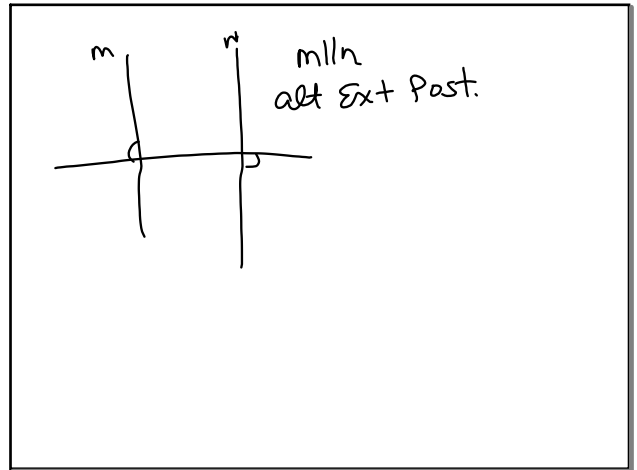
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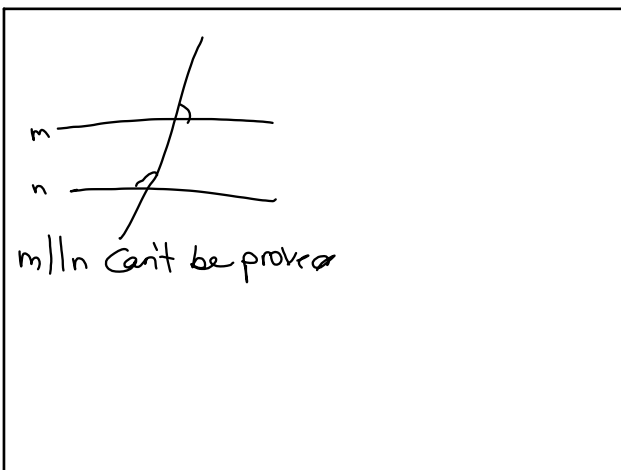
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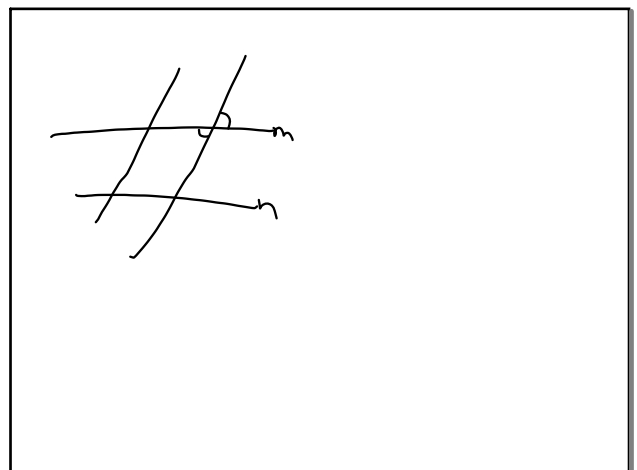
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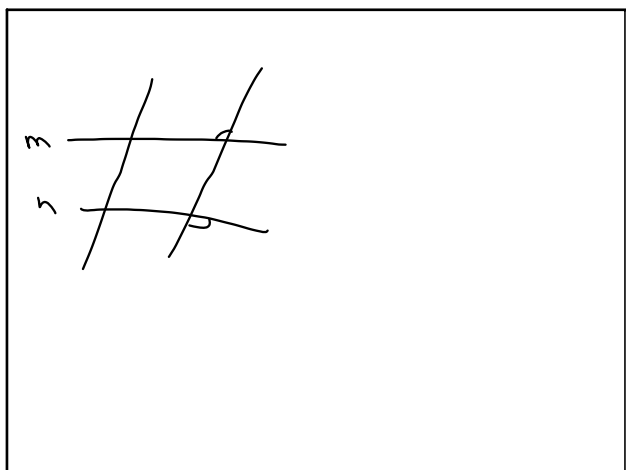
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