

Welcome! please grab your warmup and ISN!
 please complete the Edpuzzle video in your Classroom!

Aug 23-8:39 AM

Given: $\angle 1 = 90^\circ$
 $\angle 2 = 34^\circ$
 $\angle 6 = 137^\circ$

Handwritten calculations:

$$\begin{array}{r} 7 \ 10 \\ 18 \cancel{10} \\ - 137 \\ \hline 43 \end{array}$$

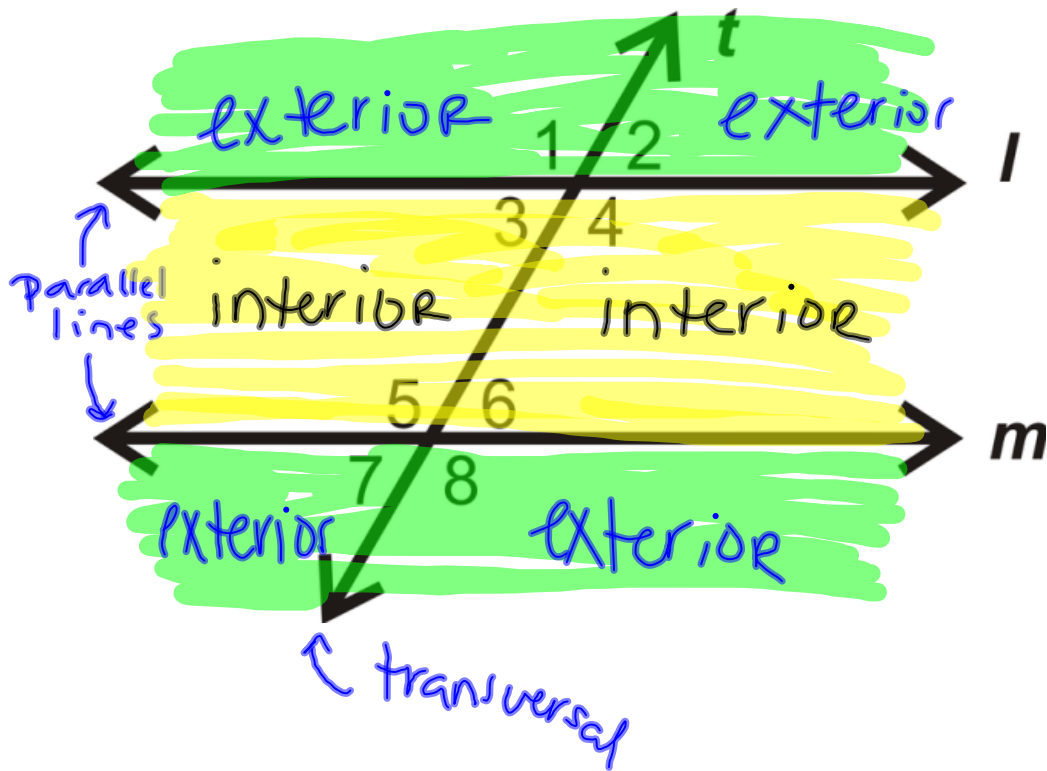
$$\begin{array}{r} 180 \\ - 34 \\ \hline 146 \end{array}$$

Angle list:

- $\angle 3 = 90^\circ$
- $\angle 4 = 146^\circ$
- $\angle 5 = 146^\circ$
- $\angle 7 = 137^\circ$
- $\angle 8 = 43^\circ$

Aug 18-11:37 AM

TOC 15-16 Parallel Line Angles



Aug 18-2:10 PM

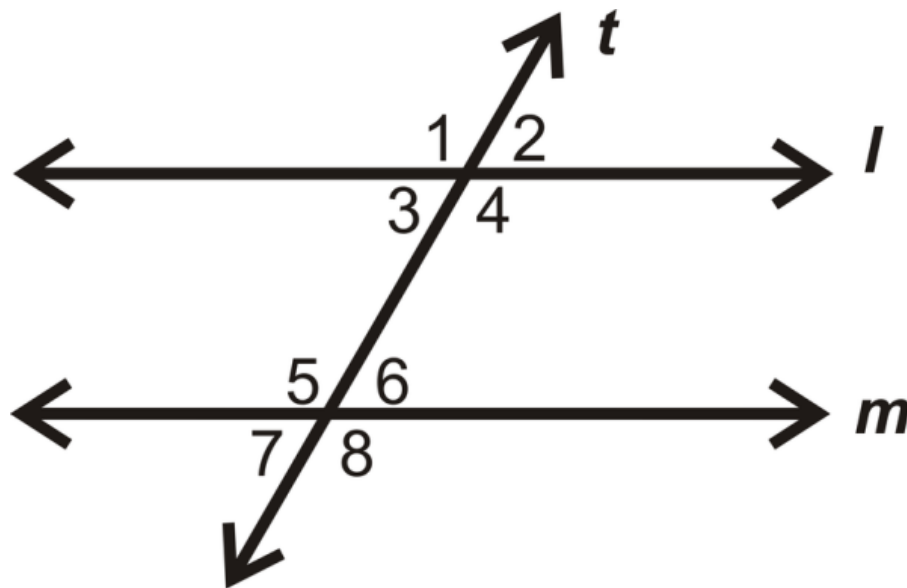
| DEFINITION | DIAGRAM |
|---|---------|
| <p><u>Corresponding \angle's</u></p> <ul style="list-style-type: none"> • same spot, same side, different parallel lines • Always \cong! | |
| <p><u>Alternate Interior \angle's</u></p> <ul style="list-style-type: none"> • opposite sides of the transversal • inside the parallel lines • Always \cong! | |
| <p><u>Alternate Exterior \angle's</u></p> <ul style="list-style-type: none"> • opposite sides of the transversal • outside the parallel line • Always \cong! | |

Aug 18-2:13 PM

| DEFINITION | DIAGRAM |
|--|---------|
| <u>Same Side Interior \angle's</u> <ul style="list-style-type: none"> • Same side of the transversal • inside the parallel lines • Supplementary ($\angle = 180$) | |
| <u>Same Side Exterior \angle's</u> <ul style="list-style-type: none"> • Same side of the transversal • outside the parallel lines • Supplementary ($\angle = 180$) | |

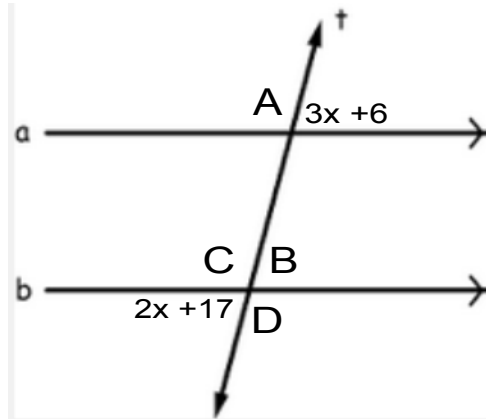
Aug 19-2:20 PM

TOC 15-16 Parallel Lines Angles



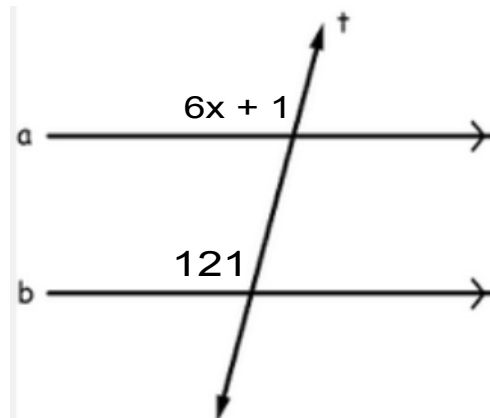
Aug 18-2:14 PM

Ex 1 (pg 13). Find $\angle A$, $\angle B$, $\angle C$, and $\angle D$



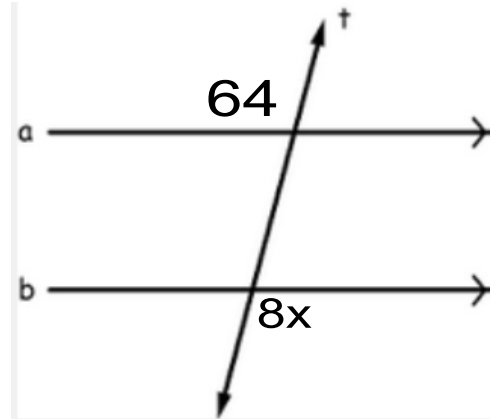
Aug 18-2:18 PM

Ex 2 (pg 13). Find x .



Aug 24-9:31 AM

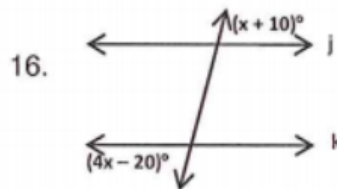
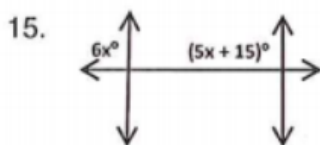
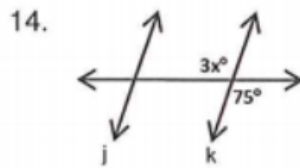
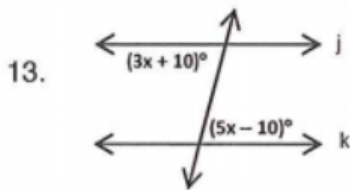
Ex 3 (pg 13). Find x.



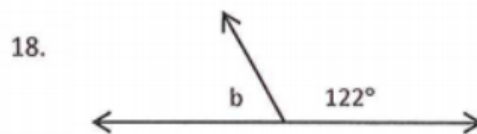
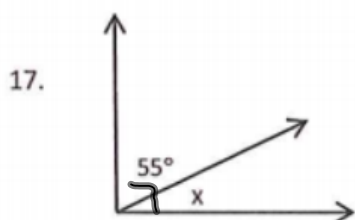
Aug 24-9:35 AM

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Find the value of x that makes j || k.



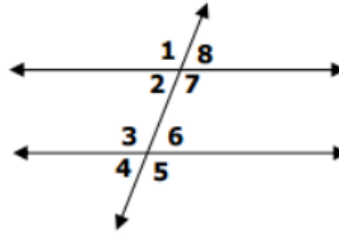
Determine the missing angles.



Aug 27-7:49 AM

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In the figure, $l \parallel m$. Find the measure of each angle. Each problem is different.



35) If $m\angle 7 = 100^\circ$, then $m\angle 3 =$ _____

39) If $m\angle 3 = 140^\circ$, then $m\angle 8 =$ _____

36) If $m\angle 7 = 175^\circ$, then $m\angle 6 =$ _____

40) If $m\angle 4 = 30^\circ$, then $m\angle 1 =$ _____

37) If $m\angle 7 = 120^\circ$, then $m\angle 5 =$ _____

41) If $m\angle 4 = 40^\circ$, then $m\angle 2 =$ _____

38) If $m\angle 4 = 20^\circ$, then $m\angle 7 =$ _____

42) If $m\angle 7 = 125^\circ$, then $m\angle 4 =$ _____

Aug 27-11:47 AM

Welcome! please grab your warmup and ISN!

Give a pair of angles that satisfies each of the following...

corresponding angles _____

alternate interior angles _____

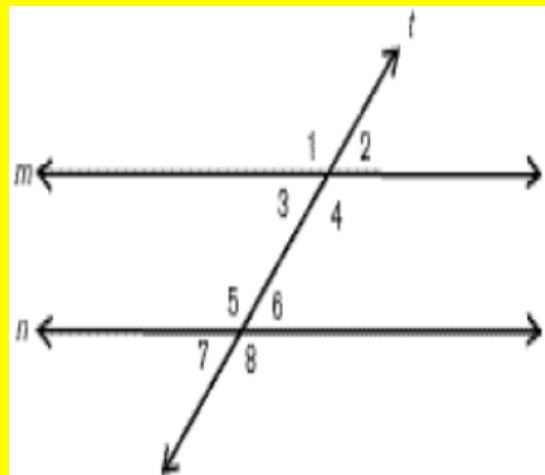
alternate exterior angles _____

same side interior angles _____

same side exterior angles _____

vertical angles _____

supplementary angles _____



Aug 25-11:35 AM