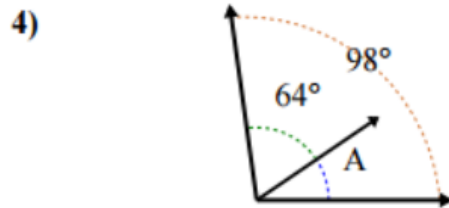
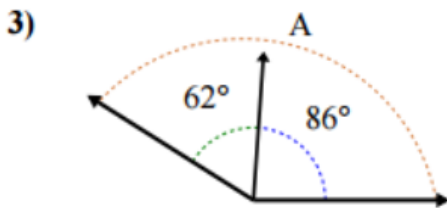
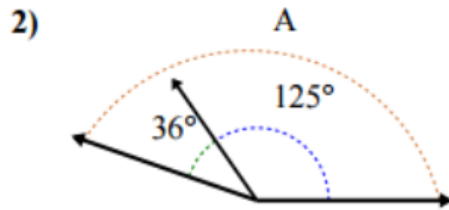
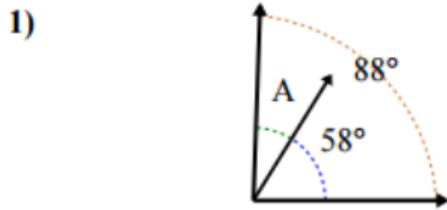


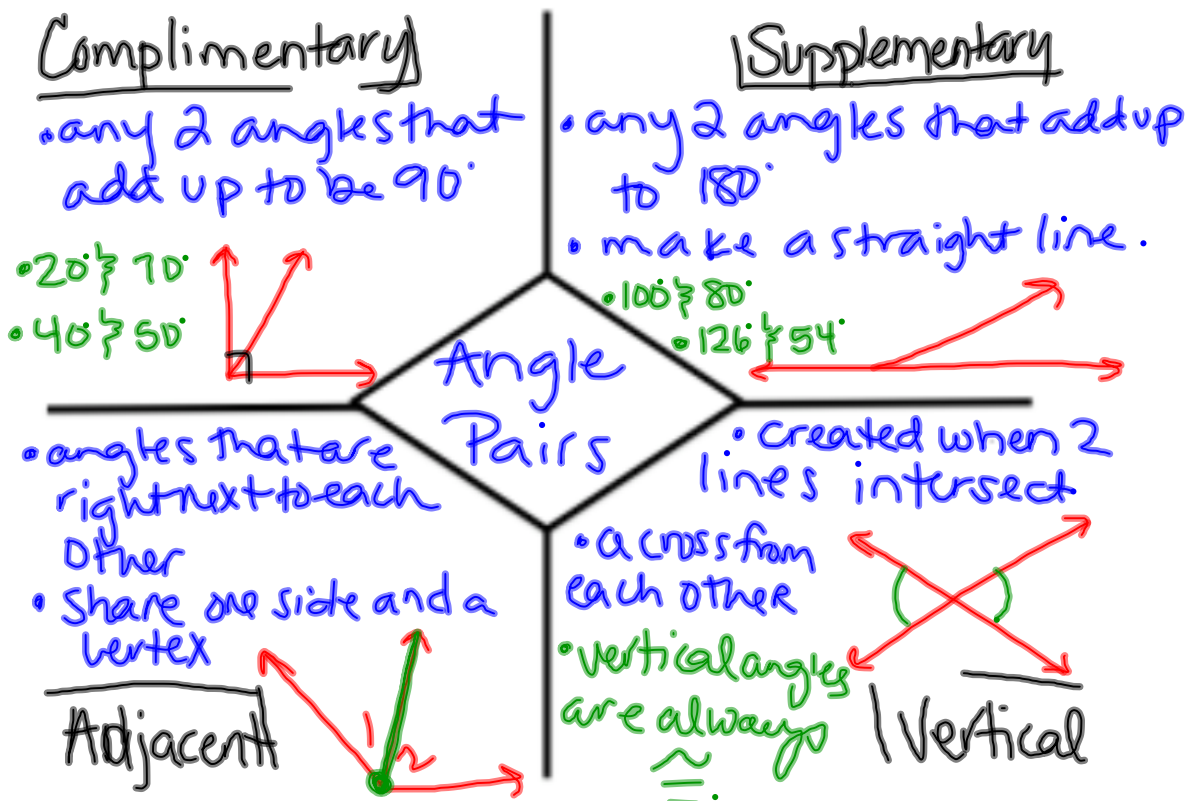
HELLO! PLEASE GET YOUR WARMUP BOOK AND ISN!

Determine the value of 'A'.



Aug 14-8:00 AM

TOC 13-14 ANGLE PAIRS



Aug 14-8:03 AM

WWK

complimentary - 2 angles that add to be 90° .



supplementary - 2 angles that add to be 180° .



vertical angles - angles created by 2 intersecting lines - always \cong .

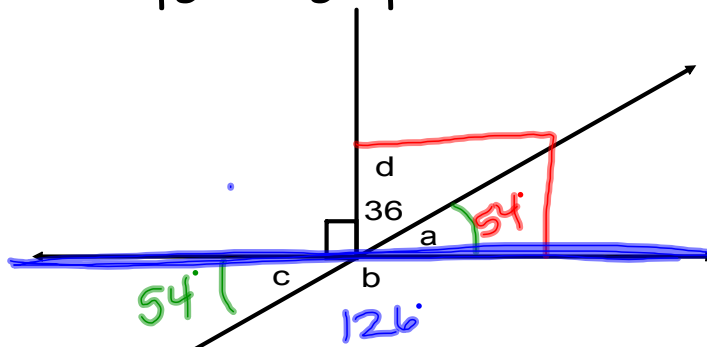


adjacent angles - angles that are next to each other.



Aug 18-11:19 AM

pg 14 angle pairs



$$\angle a = \begin{matrix} 90^\circ - 36^\circ \\ 54^\circ \end{matrix}$$

$\angle b$ and $\angle c$ are Supplementary angles.

$$\angle b = \begin{matrix} 180^\circ - 54^\circ \\ 126^\circ \end{matrix}$$

$\angle a$ and $\angle c$ are vertical angles.

$$\angle c = 54^\circ$$

$\angle a$ and $\angle d$ are Complimentary angles.

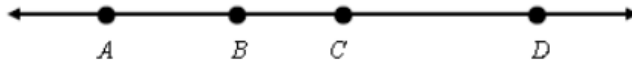
Aug 18-11:22 AM

homework

Find the complement of the following angles: 1. 34° 2. 72°

Find the supplement of the following angles: 3. 153° 4. 48°

Use the given line for problems #5 - #10:



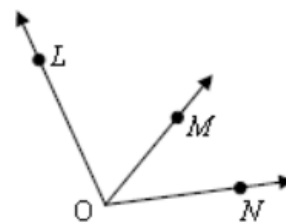
5. If $AB = 14$, $BC = 5$, and $AD = 26$, find the length of CD .
6. If $AB = 18$, $BC = 2$, and $AD = 30$, find the length of CD .
7. If $AD = 40$, $CD = 12$, find the length of AC .
8. If $BC = 6$, $CD = 8$, and $AD = 18$, find the length of AB .
9. If $AB = 15$, and BD is twice the length of AB , find the length of AD .
10. If $AC = 20$ and CD is half the length of AC , find the length of AD .

Aug 18-9:45 AM

homework

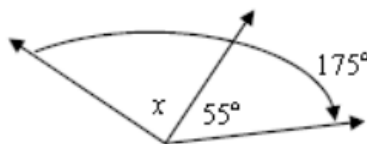
Given the angle for problems #11 and #12:

11. Given $\angle LOM = 54^\circ$ and $\angle LON = 108^\circ$, find the measure of $\angle MON$.
12. Given $\angle LOM = 68^\circ$ and $\angle MON = 42^\circ$, find the measure of $\angle LON$.

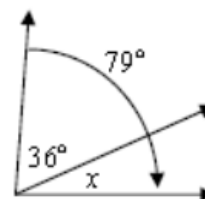


Find the measure of x for problems #13 and #14:

13.



14.



Aug 18-9:46 AM

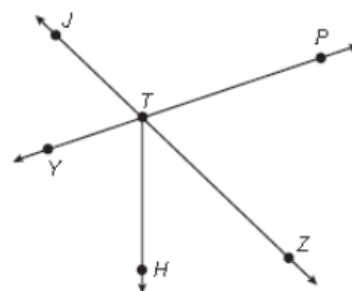
Good Monday Morning!!!!!!!

Please grab both you warmup notebooks & ISN and have a seat.

August 24, 2015

Tell whether the pair of angles are adjacent angles, supplementary, or are vertical angles.

1. $\angle JTY$ and $\angle YTH$ _____
2. $\angle YTZ$ and $\angle PTZ$ _____
3. $\angle JTP$ and $\angle YTZ$ _____
4. $\angle PTZ$ and $\angle HTZ$ _____

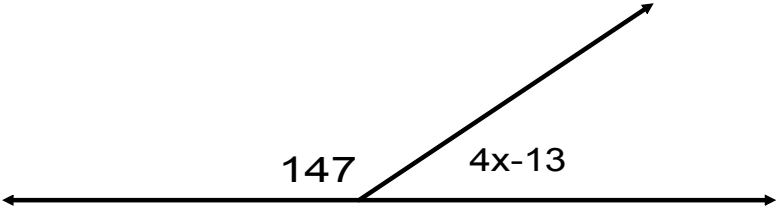


Aug 24-9:06 AM

Ex1(pg 11): $\angle ABC$ and $\angle CBD$ are complimentary. If $m\angle ABC = 5x$ and $m\angle CBD = 10x$, what does x equal?

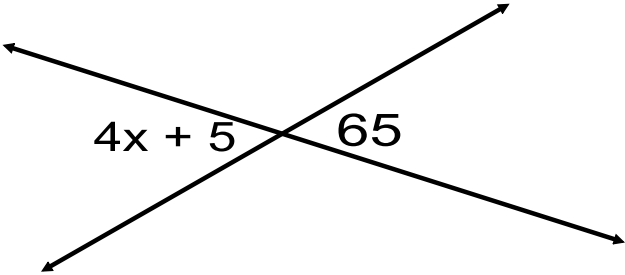
Aug 14-8:13 AM

Ex 2: Find the value of x.



Aug 14-8:18 AM

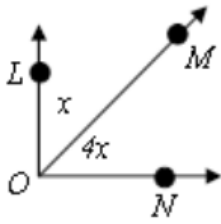
Ex 3: Find x.



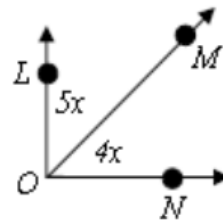
Aug 14-8:20 AM

Given that $\angle LON$ is a right angle, find the measure of $\angle x$ for problems #15 - #18.

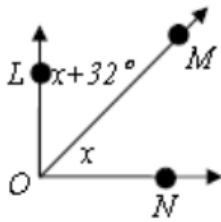
15.



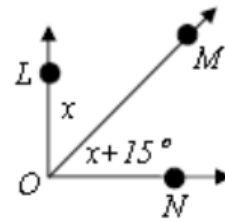
16.



17.



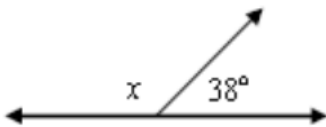
18.



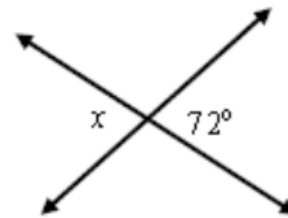
Aug 18-9:50 AM

Find the measure of $\angle x$ for problems #19 - #32.

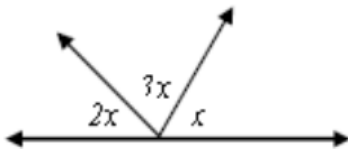
19.



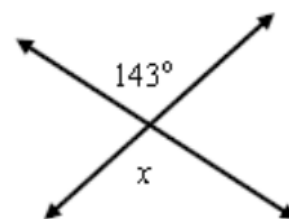
20.



21.



22.



Aug 18-9:50 AM