

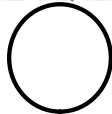
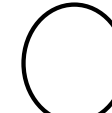
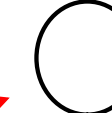
Welcome! Please grab your ISN and have a seat!

1. Complete the circle google form warmup in your classroom.

2. Get a piece of half sheet construction paper.

3. Label your ISN pg 59-60 "Arcs and Angles"

4. Fold your construction paper and label as shown...

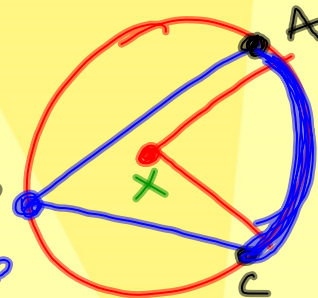
MAJOR ARC 
MINOR ARC 
SEMICIRCLE 



Nov 4-11:25 AM

WWK- PG 53-54

inscribed angle- angle whose vertex is on the circle and whose sides extend to two other side of the circle!



intercepted arc- a piece of the curve of a circle that is created by an inscribed or central angle.



Nov 4-11:30 AM

TOC 59-60 "Arcs and Angles"

<p>MAJOR ARC</p>	<p>* greater than 180 * bigger than $\frac{1}{2}$ circle * SUV 3 letters</p>
<p>MINOR ARC</p>	<p>* less than 180 * smaller than $\frac{1}{2}$ circle * AD 2 letters</p>
<p>SEMICIRCLE</p>	<p>* exactly 180 * exactly $\frac{1}{2}$ circle * intercepts diameter * VAN</p>

Nov 4-11:32 AM

TOC 59-60 "Arcs and Angles"

angles	<p><u>Central</u> \angle</p> <p>• = the arc</p> <p>$\angle Y = 60^\circ$ $\widehat{XZ} = 60^\circ$</p>	<p><u>Inscribed</u> \angle</p> <p>• = $\frac{1}{2}$ arc</p> <p>$\angle W = 30^\circ$ $\widehat{XZ} = 60^\circ$</p>
	<p>Central angle = measure of arc</p> <p>Inscribed angle = $\frac{1}{2}$ measure of arc</p>	

Nov 4-11:33 AM

TOC 59-60 "Arcs and Angles"

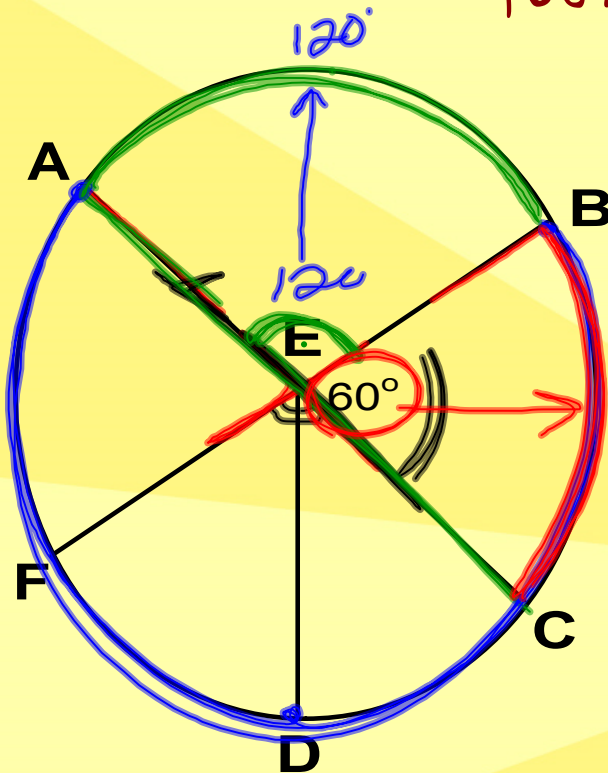
Pacmath

arcs and angles



Nov 4-11:35 AM

PG 59 Examples



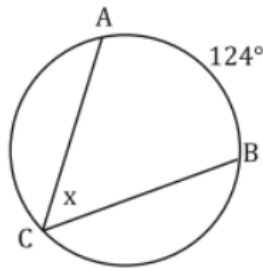
1. Name 2 major arcs
 \widehat{FBC} \widehat{ACD}
2. Name 2 minor arcs
 \widehat{FA} \widehat{BC}
3. Name 2 semicircles
 \widehat{FDB} \widehat{FAB}
4. $m\angle AEB$
120°
5. $m\angle AEC$
180°
6. $m \text{ arc} ADB$
240°
7. $m \text{ arc} AB$
120°
8. $m \text{ arc} BC$
60°

Nov 4-1:20 PM

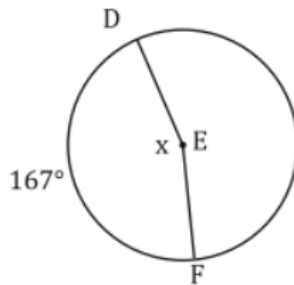
Homework

For these... find the value of x . Show all your work...

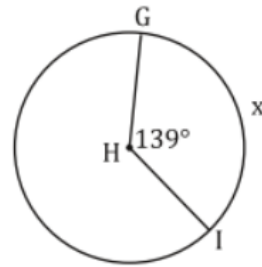
1.



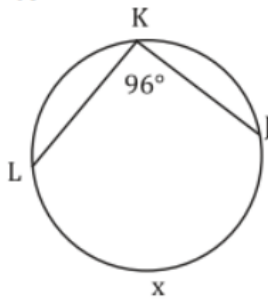
2.



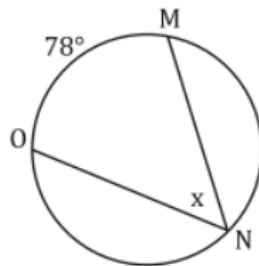
3.



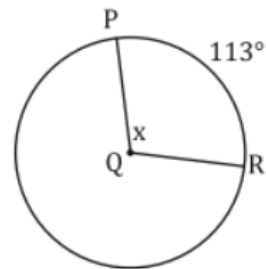
4.



5.



6.



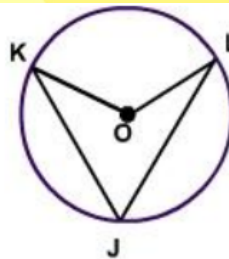
Nov 4-2:19 PM

Welcome! Please grab your ISN and warmup and have a seat!

1) $m\angle KOL$ is 44°

A) What is the measure of minor arc KL ?

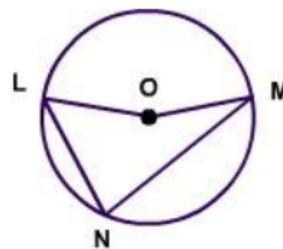
B) What is the $m\angle KJL$?



2) $m\angle LOM$ is 168°

A) What is the measure of arc LM ?

B) What is the $m\angle LNM$?



Nov 12-3:53 PM