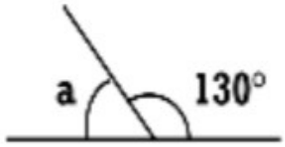
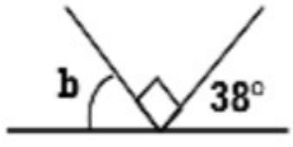
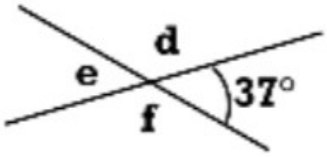
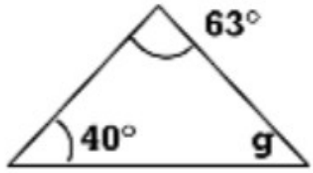
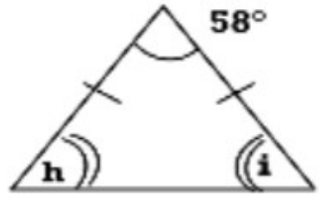

a
130°

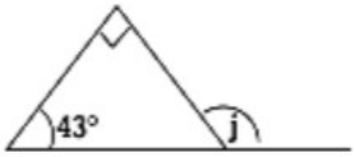

b
38°

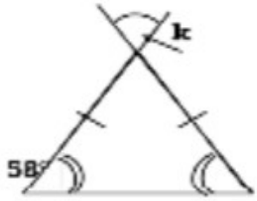

c
327°

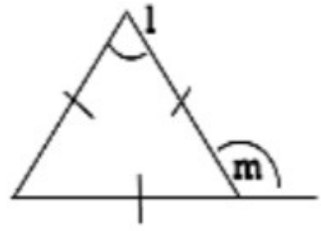

d
e
f
37°

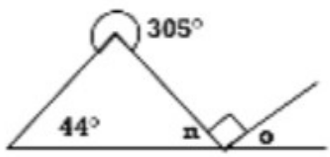

63°
40°
g

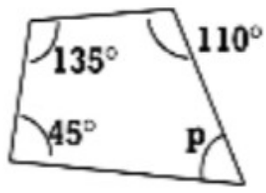

58°
h
i

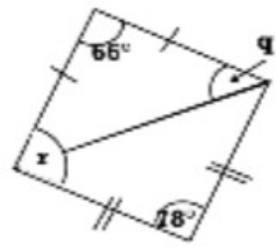

43°
j

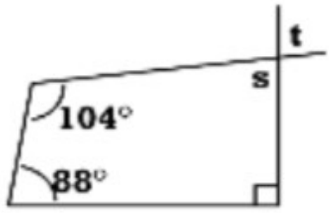

k
58°

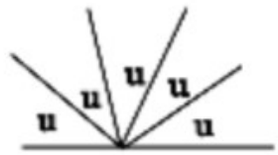

l
m

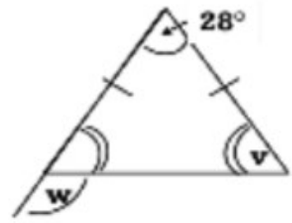

305°
44°
n
o

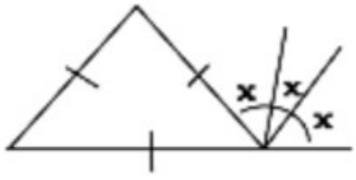

135°
110°
45°
p

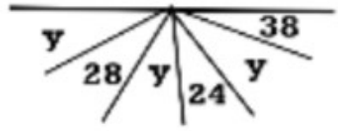

55°
q
r
18°

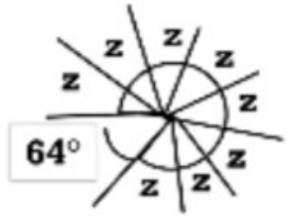

t
s
104°
88°

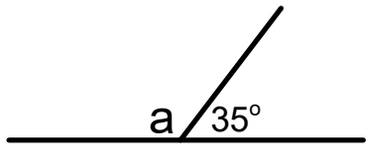

u
u
u
u
u

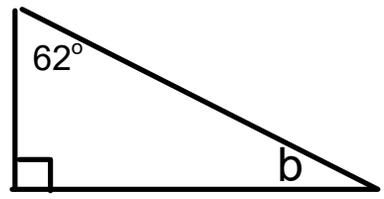

28°
v
w

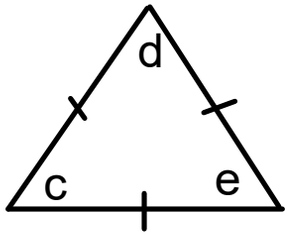

x
x
x

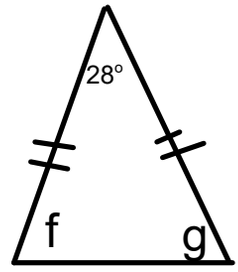

y
38
28
y
24
y

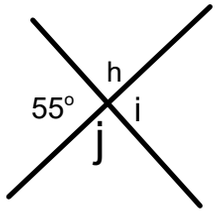

z
z
z
z
z
64°
z
z
z
z

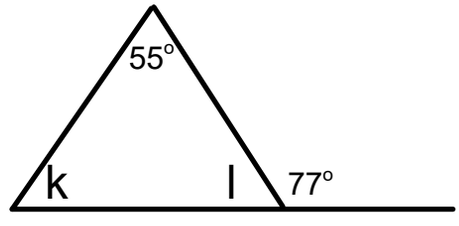

a
35°


62°
b

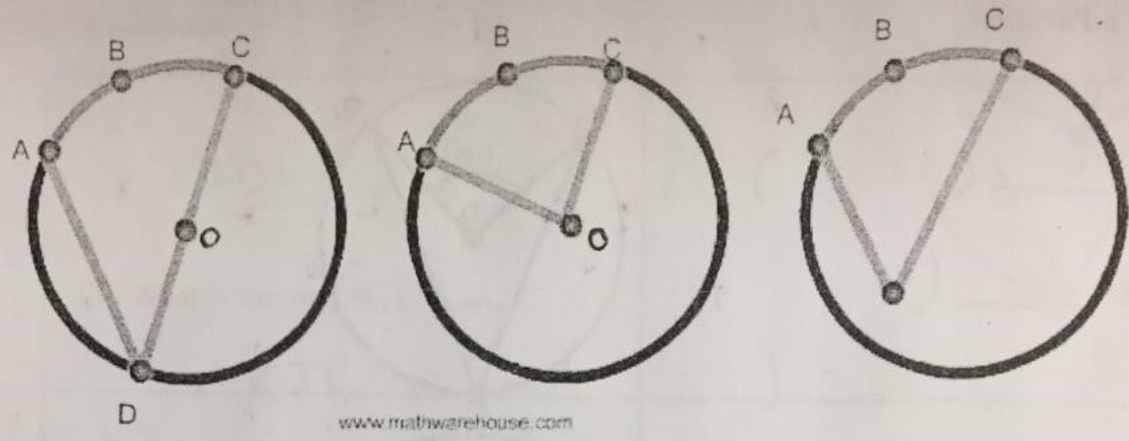

d
c
e


28°
f
g


h
55°
i
j


55°
k
l
77°

Inscribe and Central Angles in a Circle



Vocabulary : (Your owe words)

chord:

major arc

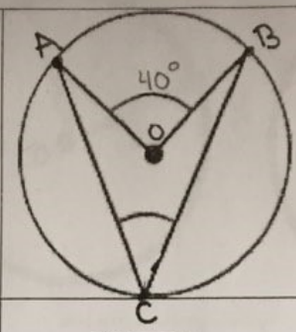
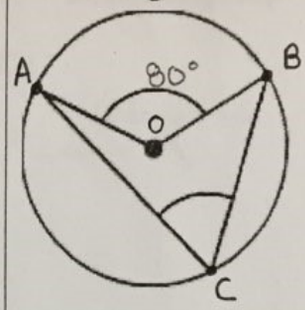
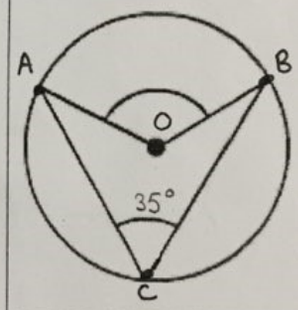
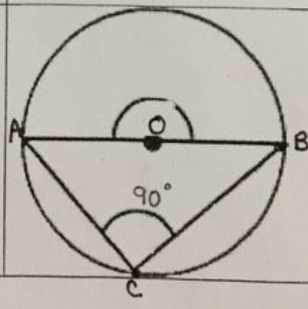
minor arc

tangent

inscribed angle

central angle

Discover a Pattern

$\angle AOB =$ ____ ( ) $\angle ACB =$ ____ ( )	
$\angle AOB =$ ____ ( ) $\angle ACB =$ ____ ( )	
$\angle AOB =$ ____ ( ) $\angle ACB =$ ____ ( )	
$\angle AOB =$ ____ ( ) $\angle ACB =$ ____ ( )	

What is the relationship between central and inscribed angle?

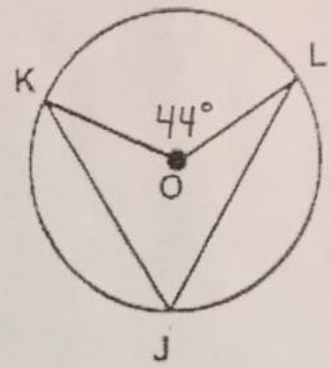
The central angle is ____ the inscribe angle

The inscribe angle is ____ the central angle

Model Problems

1)

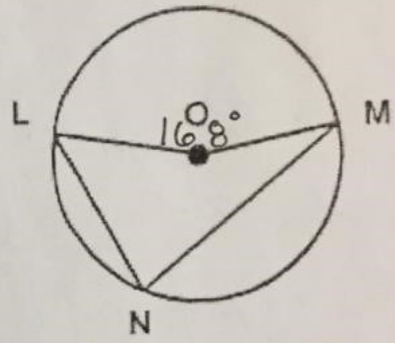
$\angle KOL = \_\_\_\_$ ( )



What is the $m\angle KJL$?

$\angle KJL = \_\_\_\_$ ( )

2) $\angle LOM = \_\_\_\_$ ( )



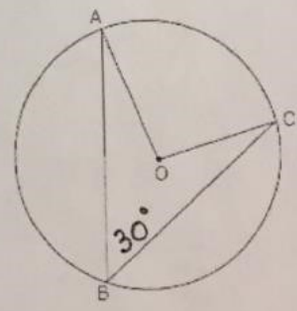
What is the $m\angle LNM$?

$\angle LNM = \_\_\_\_$ ( )

3) $\angle ABC = \_\_\_\_$ ( )

then

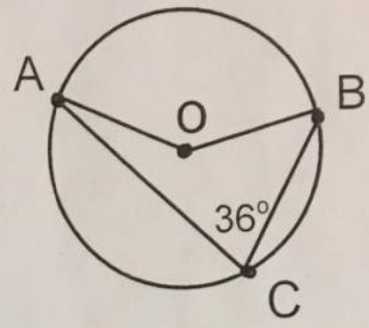
$\angle AOC = \_\_\_\_$ ( )



ed.notebook

<ACB= ____( )

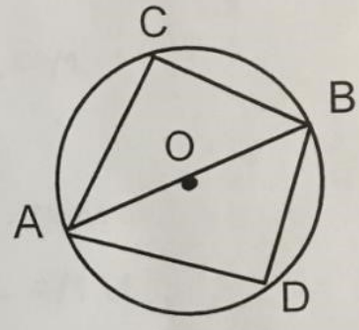
<AOB= ____( )



<AOB= ____( )

<ACB= ____( )

<ADB= ____( )



<BAC= ____( )

<ACD= ____( )

<ABD= ____( )

<BDC= ____( )