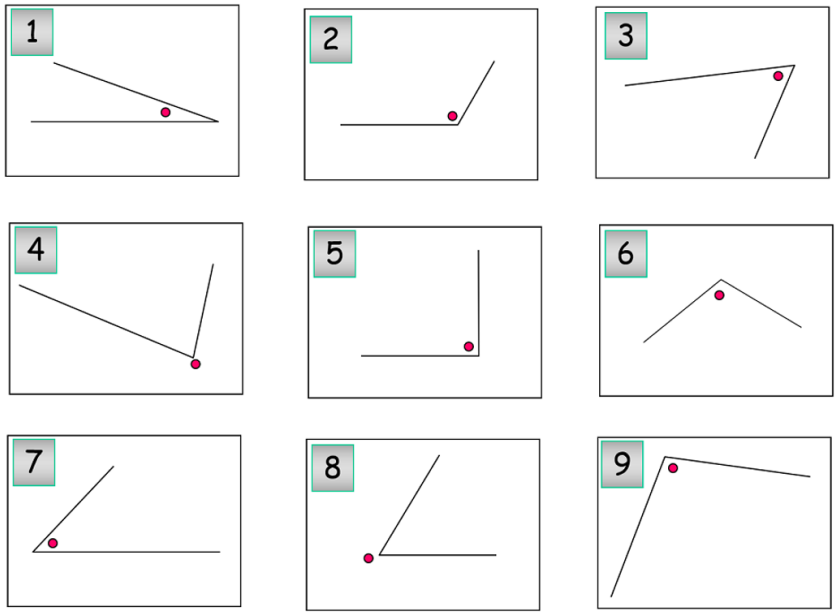
Angle facts (basic)

CONTENTS

Worked example

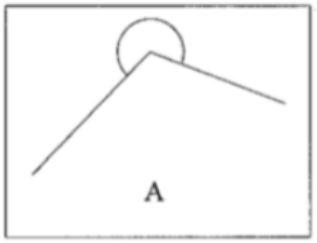
What type of angles are these?



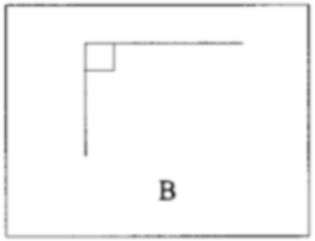
Your turn

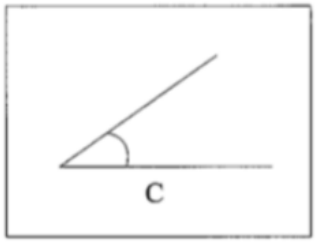
What type of angles are these?

Reflex

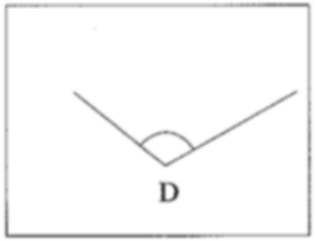


Right





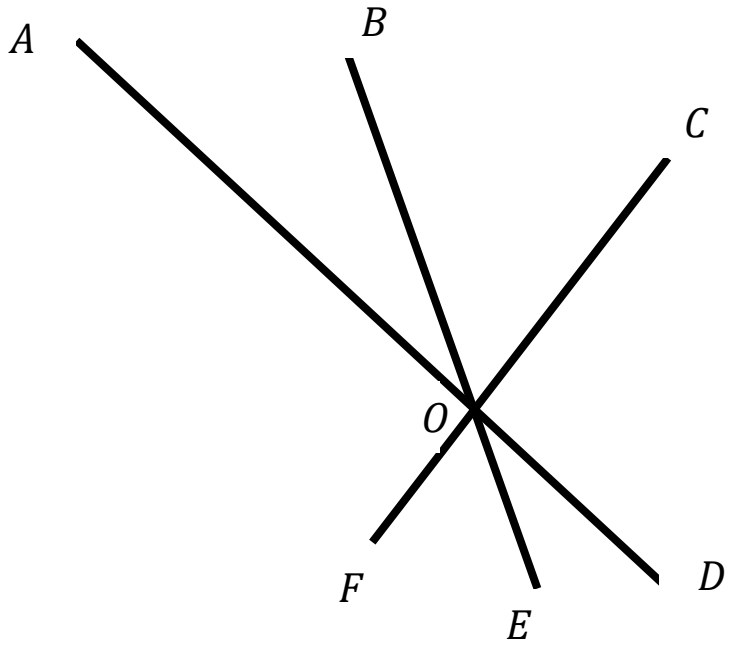
Acute



Obtuse

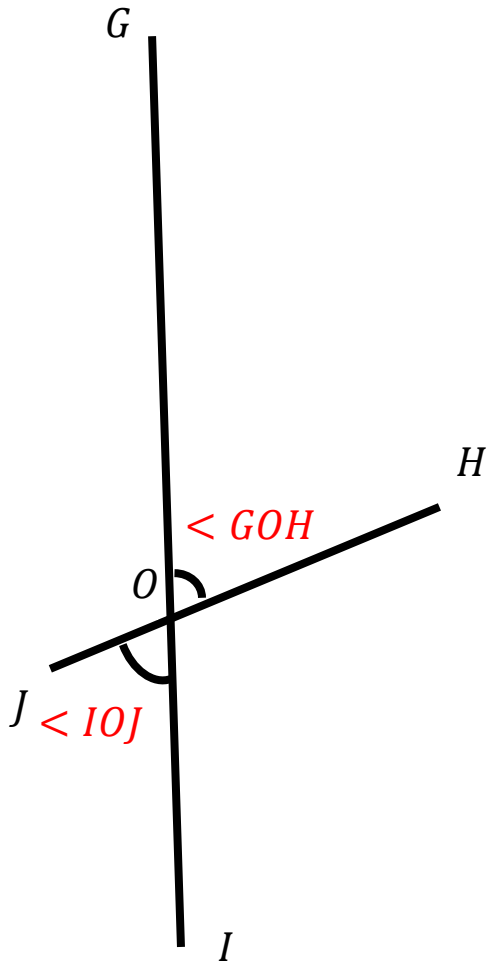
Worked example

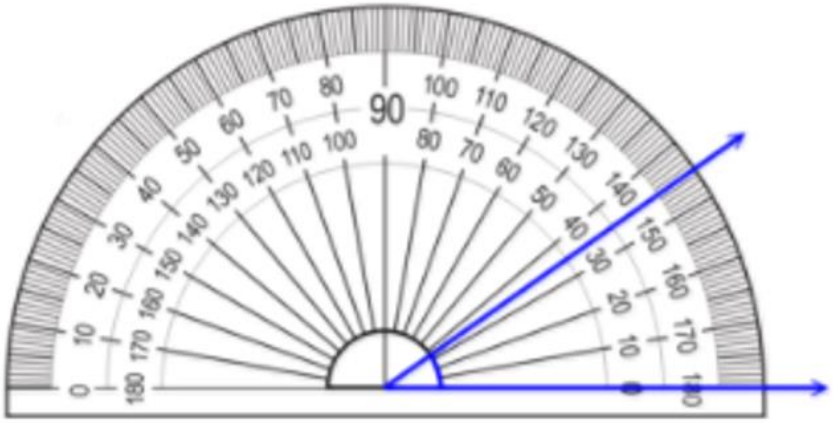
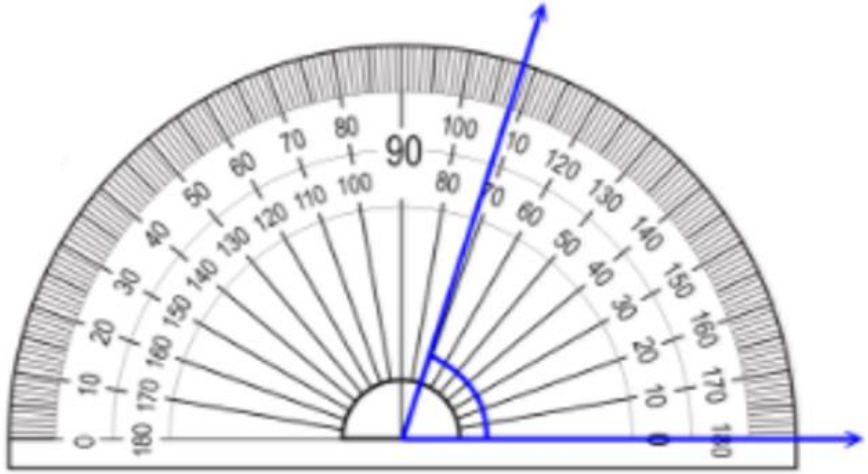
Name the angles using three letter notation

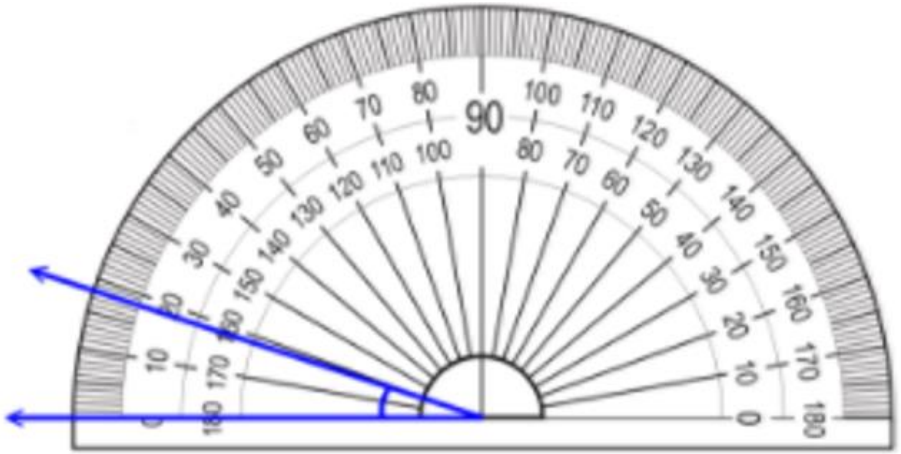
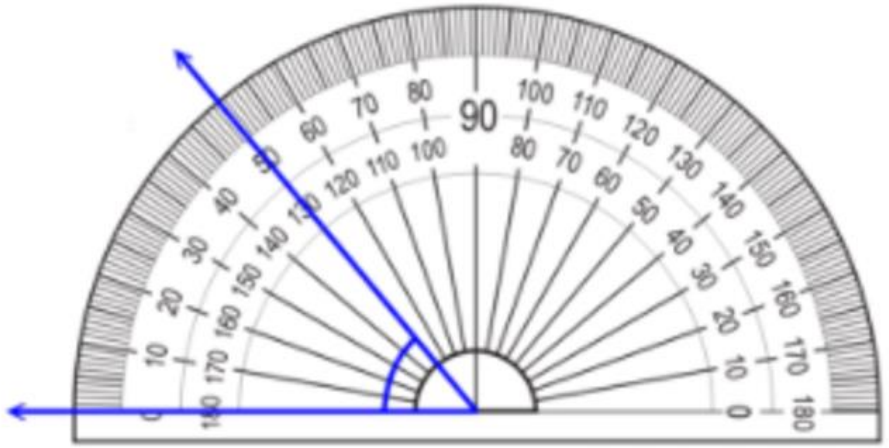


Your turn

Name the angles using three letter notation



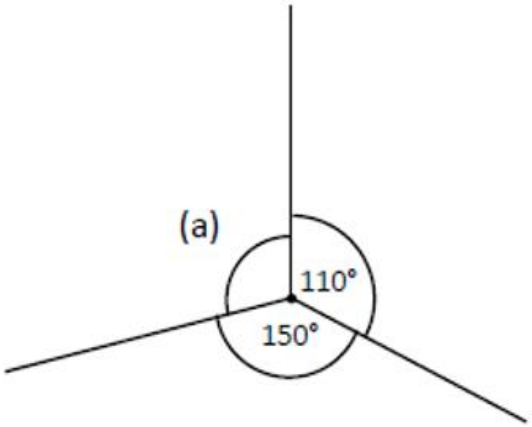
Worked example	Your turn
Measure the angle 	Measure the angle  82°

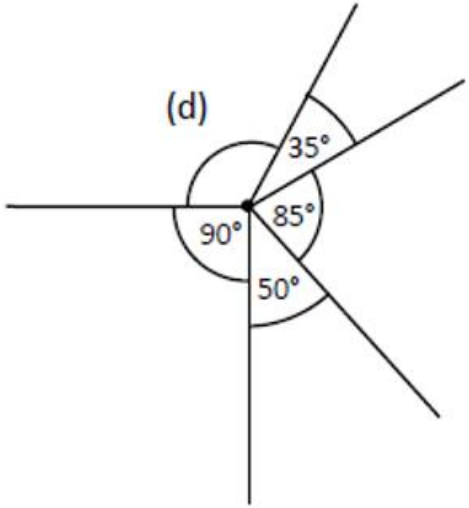
Worked example	Your turn
Measure the angle 	Measure the angle  $50°$

Worked example	Your turn
Draw and measure:	Draw and measure:
An acute angle	An acute angle
An obtuse angle	An obtuse angle
A reflex angle	A reflex angle
	Check carefully with a protractor!

Worked example

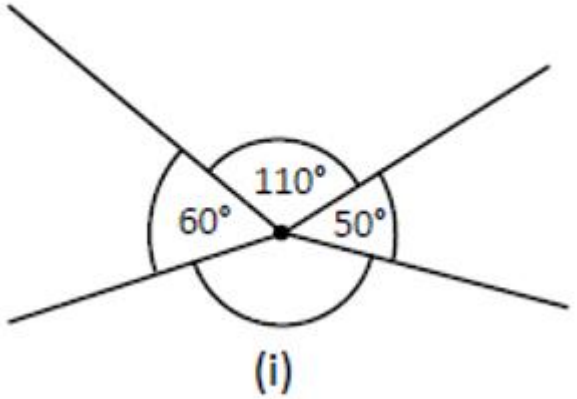
Calculate the size of the missing angles:





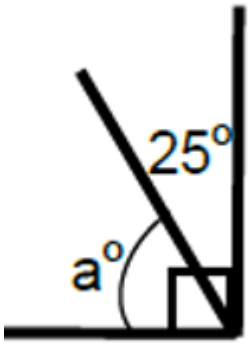
Your turn

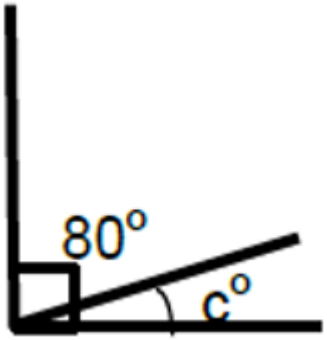
Calculate the size of angle (i)

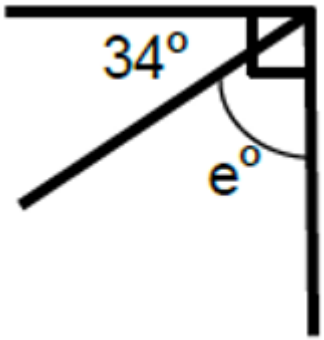


$i = 140°$

Worked example	Your turn
Calculate the size of the missing angles:	Calculate the size of angle e



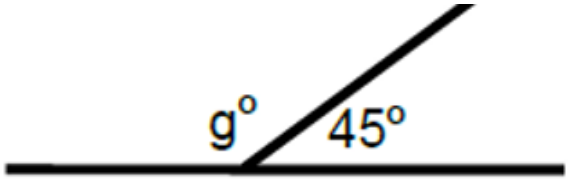


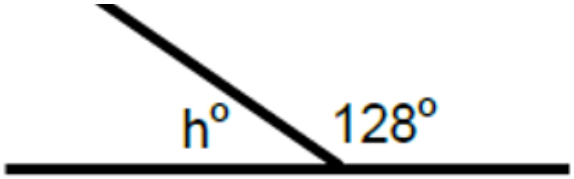


$e = 56$

Worked example

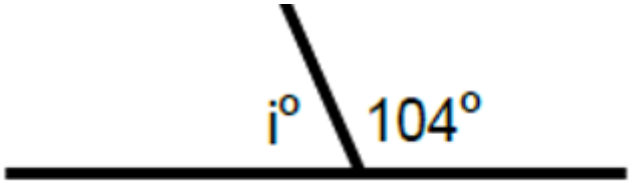
Calculate the size of the missing angles:





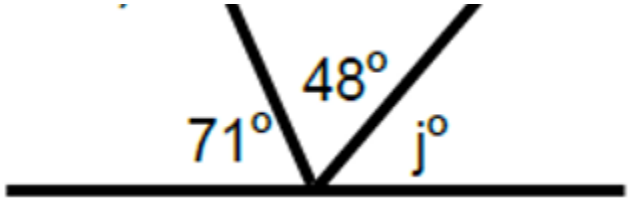
Your turn

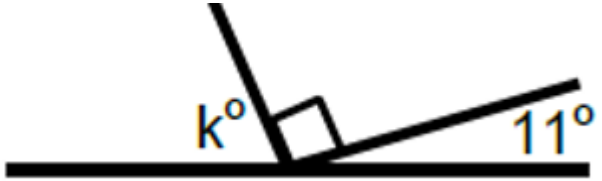
Calculate the size of angle i



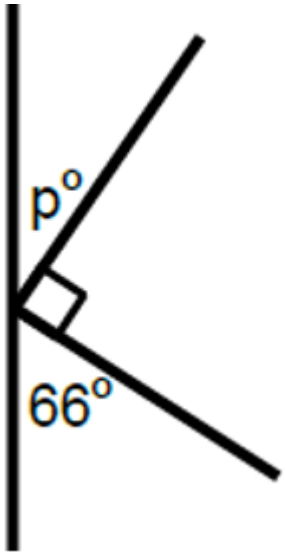
$i = 76$

Worked example	Your turn
Calculate the size of the missing angles:	Calculate the size of angle k



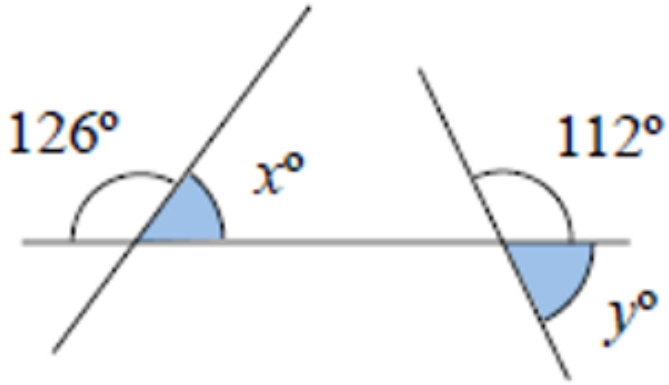


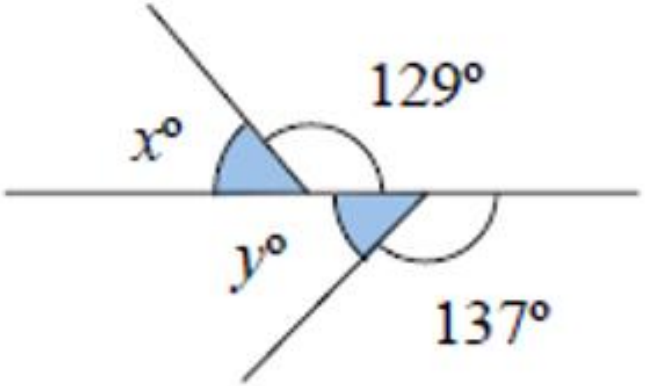
$k = 79$



Worked example

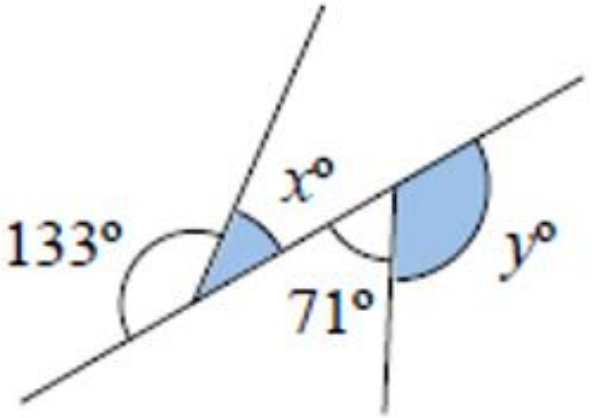
Calculate the size of the missing angles:





Your turn

Calculate the size of the missing angles:

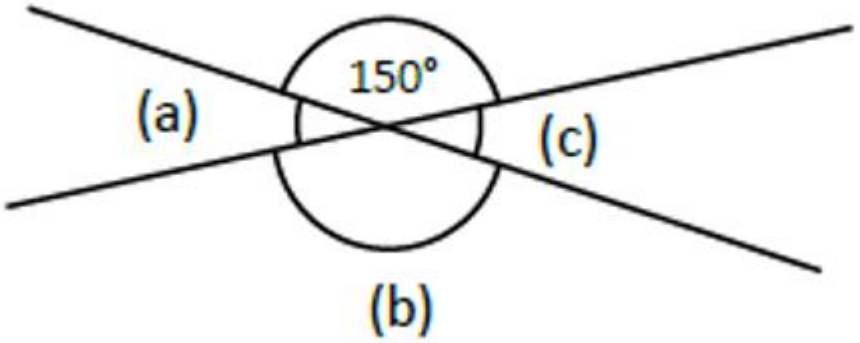


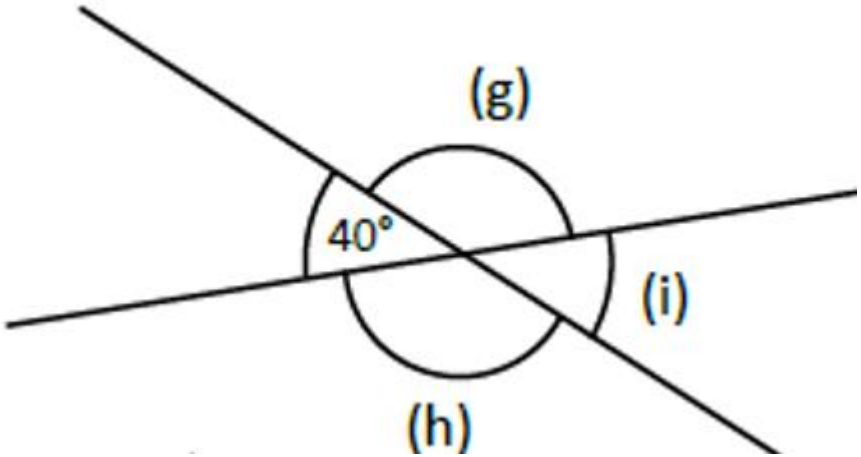
$x = 47°$

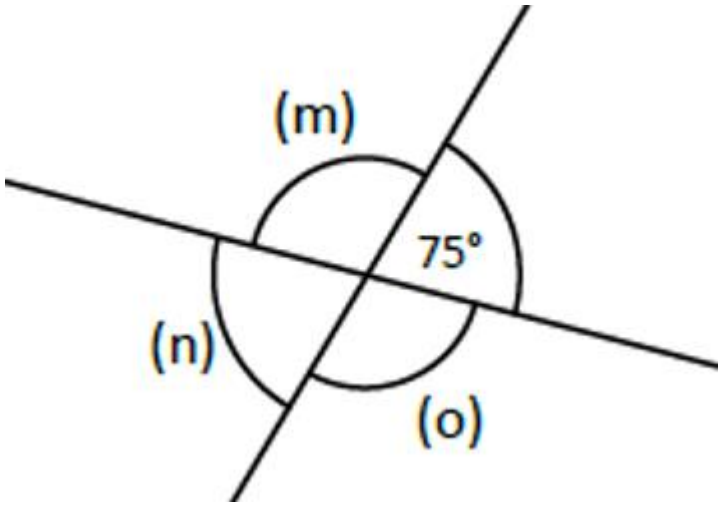
$y = 109°$

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Worked example	Your turn
Calculate the size of the missing angles:	Calculate the size of the missing angles:







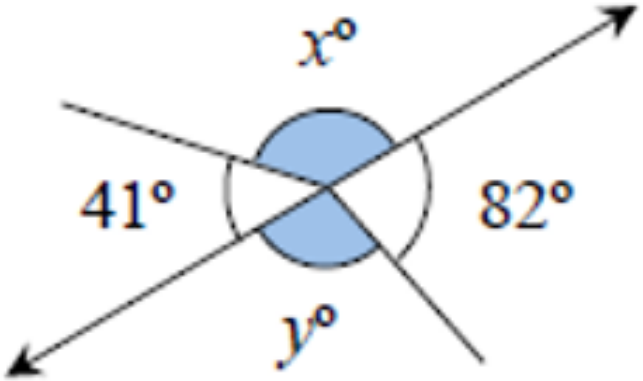
$m = 105°$

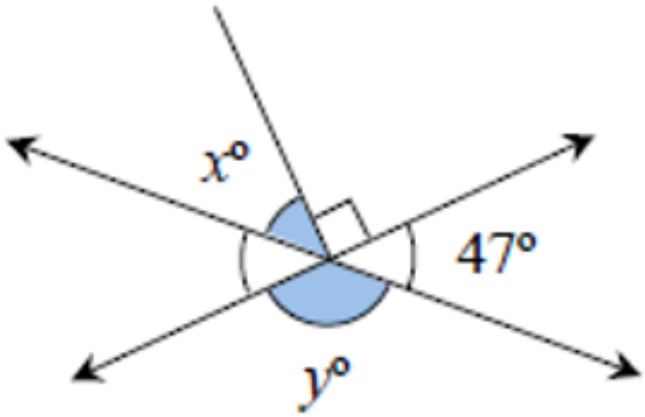
$n = 75°$

$o = 105°$

Worked example

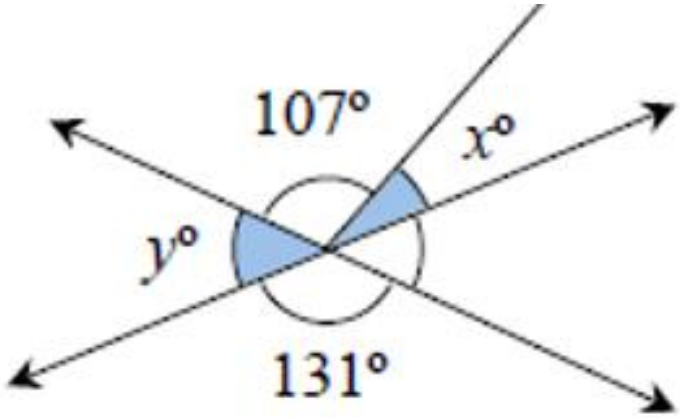
Calculate the size of the missing angles:





Your turn

Calculate the size of the missing angles:



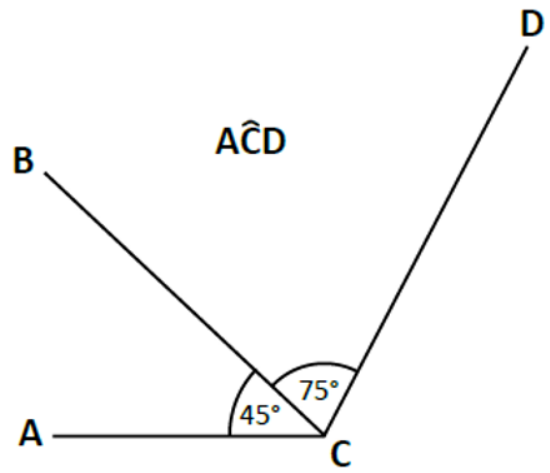
$x = 34°$

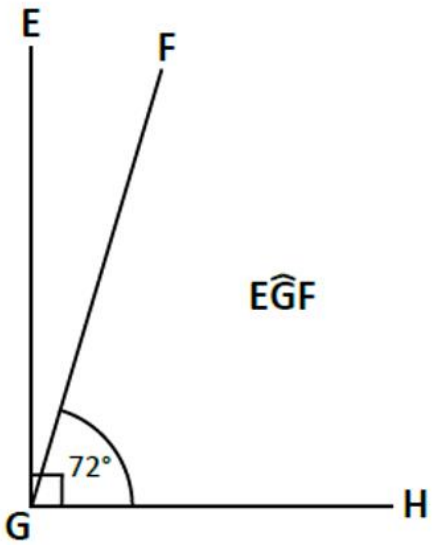
$y = 49°$

Questions used with permission from maths4everyone: https://maths4everyone.com/

Worked example

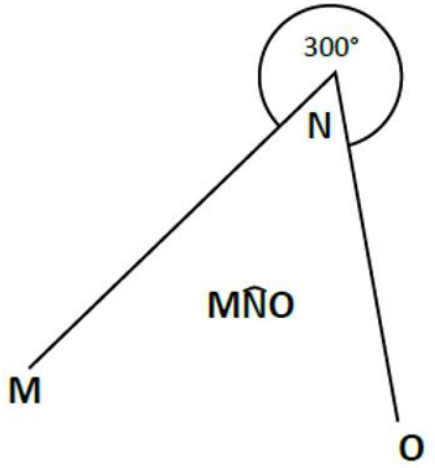
Calculate the size of the named angle:





Your turn

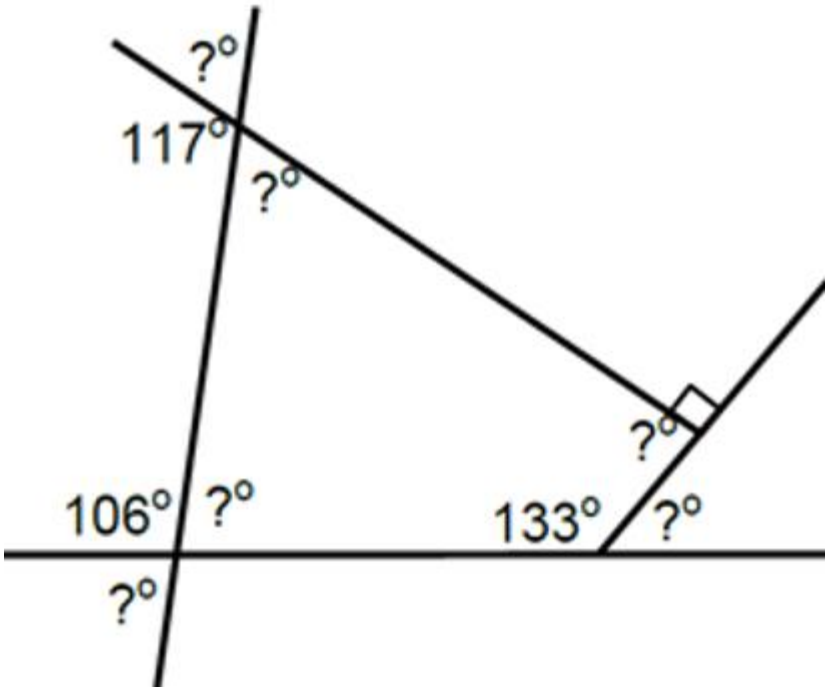
Calculate the size of the named angle:



60°

Worked example

Find the missing angles:



Your turn

Find the missing angles:

