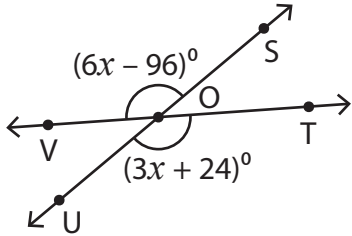


# Vertical Angles

Find the value of  $x$  and the indicated angle.

1)

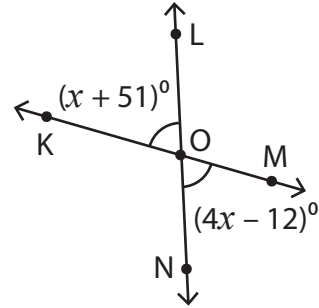


$x =$  \_\_\_\_\_

$m\angle SOT =$  \_\_\_\_\_

$m\angle VOS =$  \_\_\_\_\_

2)

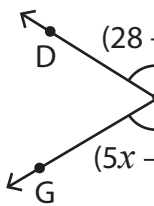


$x =$  \_\_\_\_\_

$m\angle =$  \_\_\_\_\_

$m\angle =$  \_\_\_\_\_

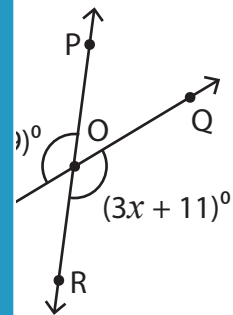
3)



$x =$  \_\_\_\_\_

$m\angle GOD =$  \_\_\_\_\_

$m\angle EOD =$  \_\_\_\_\_



$x =$  \_\_\_\_\_

$m\angle S =$  \_\_\_\_\_

$m\angle R =$  \_\_\_\_\_

## PREVIEW

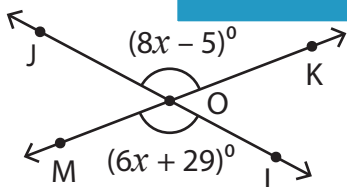
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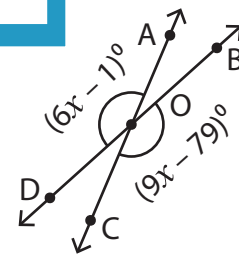
5)



$x =$  \_\_\_\_\_

$m\angle JOK =$  \_\_\_\_\_

$m\angle KOL =$  \_\_\_\_\_



$x =$  \_\_\_\_\_

$m\angle AOD =$  \_\_\_\_\_

$m\angle AOB =$  \_\_\_\_\_

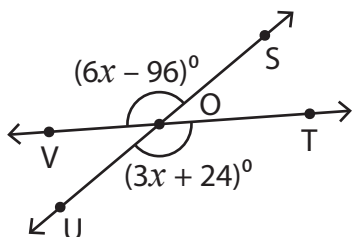
Name : \_\_\_\_\_

# Vertical Angles

Multi-Step: S2

Find the value of  $x$  and the indicated angle.

1)

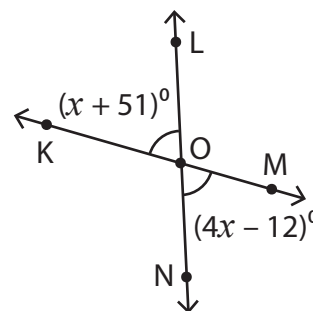


$x = \underline{40}$

$m\angle SOT = \underline{\hspace{2cm}}$

$m\angle VOS = \underline{\hspace{2cm}}$

2)



$x = \underline{21}$

$m\angle \hspace{1cm} = \underline{108^\circ}$

$m\angle \hspace{1cm} = \underline{72^\circ}$

# PREVIEW

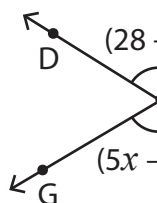
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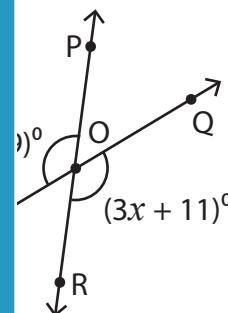
3)



$x = \underline{\hspace{2cm}}$

$m\angle GOD = \underline{\hspace{2cm}}$

$m\angle EOD = \underline{\hspace{2cm}}$

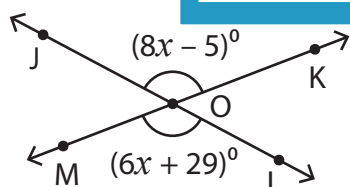


$x = \underline{39}$

$m\angle S = \underline{128^\circ}$

$m\angle R = \underline{52^\circ}$

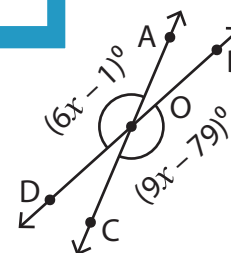
5)



$x = \underline{17}$

$m\angle JOK = \underline{131^\circ}$

$m\angle KOL = \underline{49^\circ}$



$x = \underline{26}$

$m\angle AOD = \underline{155^\circ}$

$m\angle AOB = \underline{25^\circ}$