

# Vertical Angles

A) 1) Identify the vertically opposite angle of  $\angle ROT$  from the following.

- i)  $\angle TOS$       ii)  $\angle QOU$       iii)  $\angle SOU$       iv)  $\angle POQ$

2) Which of the following is the vertically opposite angle of  $\angle UOP$ ?

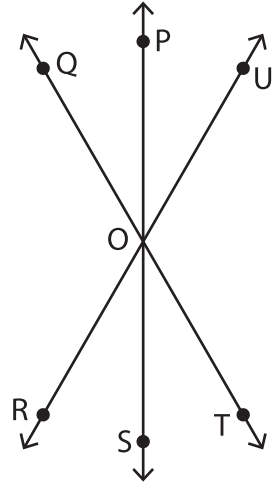
- i)  $\angle ROQ$       ii)  $\angle TOU$       iii)  $\angle QOS$       iv)  $\angle SOR$

3) Write the the vertically opposite angle of  $\angle QOS$ .

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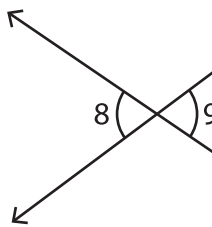
4) Write the the vertic

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B) Find the unknown

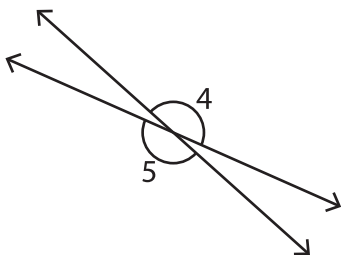
1)



$m\angle 9 = 71$

$m\angle 8 =$  \_\_\_\_\_

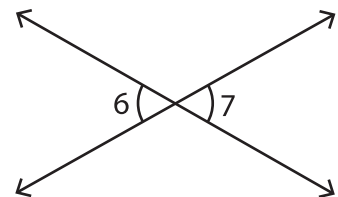
3)



$m\angle 4 = 162^\circ$

$m\angle 5 =$  \_\_\_\_\_

4)



$m\angle 6 = 59^\circ$

$m\angle 7 =$  \_\_\_\_\_

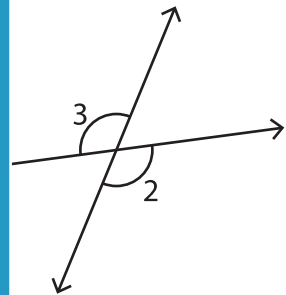
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$m\angle 2 = 120^\circ$

$m\angle 3 =$  \_\_\_\_\_