

Vertical Angles

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

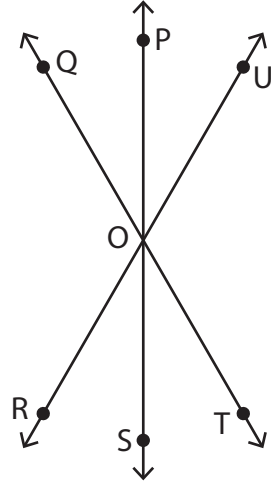
- i) $\angle TOS$ ii) $\angle QOU$ iii) $\angle SOU$ iv) $\angle POQ$

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 $\angle QOS$.

4) Write the the vertic



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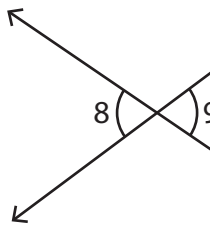
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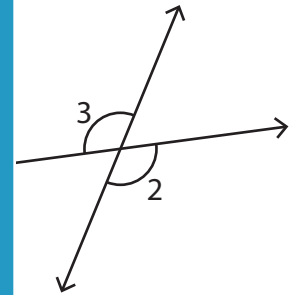
B) Find the unknown

1)



$m\angle 9 = 71$

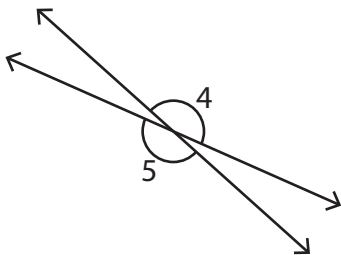
$m\angle 8 =$ _____



$m\angle 2 = 120^\circ$

$m\angle 3 =$ _____

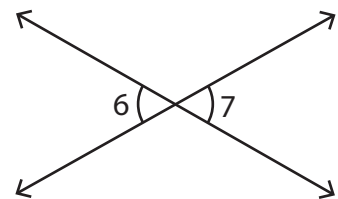
3)



$m\angle 4 = 162^\circ$

$m\angle 5 =$ _____

4)



$m\angle 6 = 59^\circ$

$m\angle 7 =$ _____

Name : _____

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

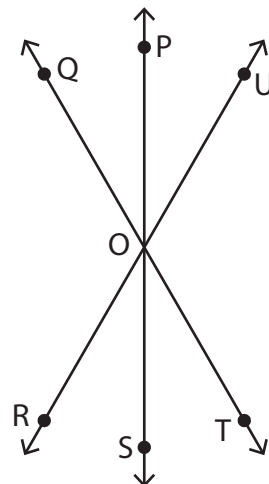
- i) $\angle ROQ$ ii) $\angle TOU$ iii) $\angle QOS$ iv) $\angle SOR$

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

$\angle POT$ or $\angle TOR$

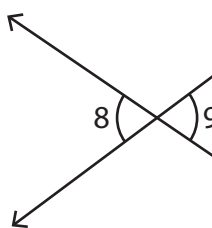
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$\angle UOS$ or $\angle SOR$



B) Find the unknown

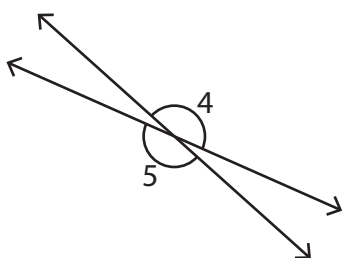
1)



$m\angle 9 = 71^\circ$

$m\angle 8 = \underline{71^\circ}$

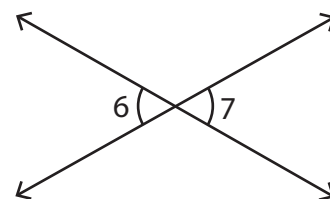
3)



$m\angle 4 = 162^\circ$

$m\angle 5 = \underline{162^\circ}$

4)



$m\angle 6 = 59^\circ$

$m\angle 7 = \underline{59^\circ}$

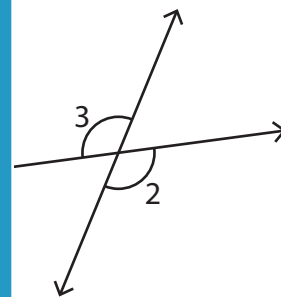
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$m\angle 2 = 120^\circ$

$m\angle 3 = \underline{120^\circ}$