

Vertical Angles

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

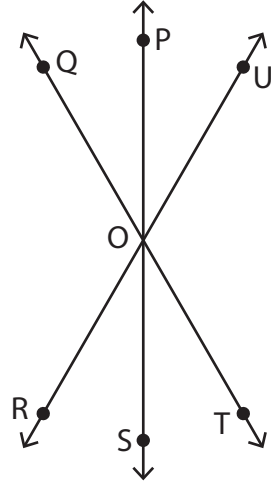
- i) $\angle TOS$ ii) $\angle QOU$ iii) $\angle SOU$ iv) $\angle POQ$

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

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

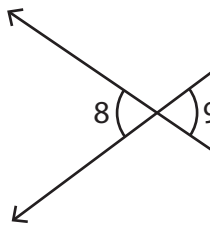
3) Write the the vertically opposite angle of $\angle QOS$.

4) Write the the vertic



B) Find the unknown

1)



$m\angle 9 = 71^\circ$

$m\angle 8 = \underline{\hspace{2cm}}$

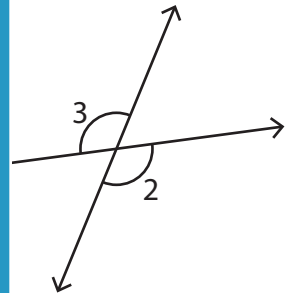
PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

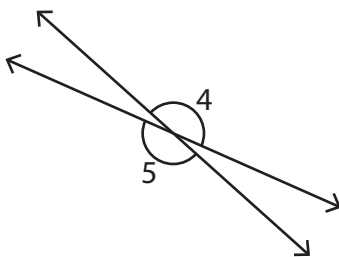
www.mathworksheets4kids.com



$m\angle 2 = 120^\circ$

$m\angle 3 = \underline{\hspace{2cm}}$

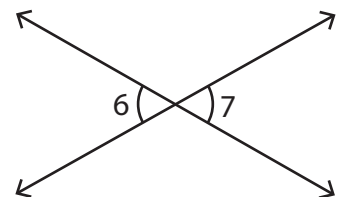
3)



$m\angle 4 = 162^\circ$

$m\angle 5 = \underline{\hspace{2cm}}$

4)



$m\angle 6 = 59^\circ$

$m\angle 7 = \underline{\hspace{2cm}}$

Name : _____

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 $\angle UOP$?

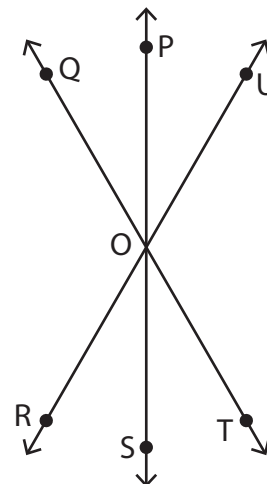
- i) $\angle ROQ$ ii) $\angle TOU$ iii) $\angle QOS$ iv) $\angle SOR$

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

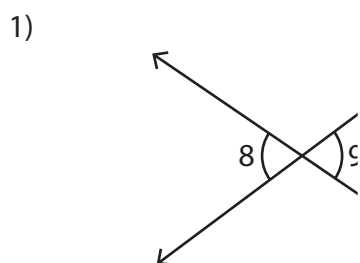
$\angle POT$ or $\angle TOR$

4) Write the the vertically opposite angle of $\angle UOS$.

$\angle UOS$ or $\angle SOR$

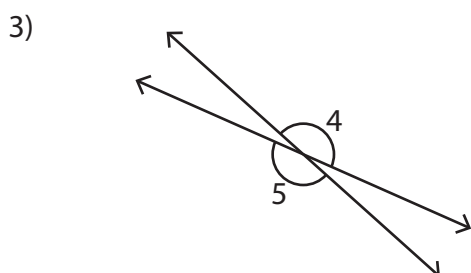


B) Find the unknown angles.



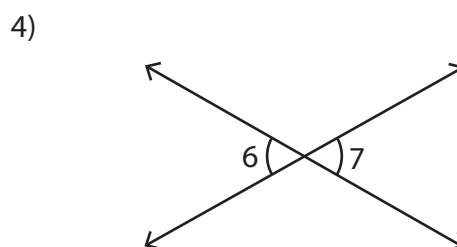
$m\angle 9 = 71^\circ$

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



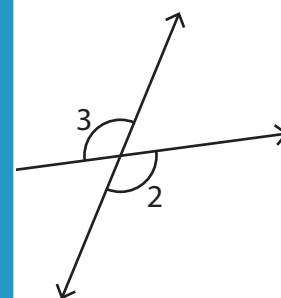
$m\angle 4 = 162^\circ$

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



$m\angle 6 = 59^\circ$

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



$m\angle 2 = 120^\circ$

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

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com