## Geometry Worksheets <br> (Adjacent Angles)

5. Solve for the measurement of $\angle U S W$. $\angle R S T$ is a straight angle.

6. Solve for the measurement of $\angle O M L$. $\angle L M N$ is a straight angle.

7. In the following figure, DEFH is a rectangle. Without using a protractor, determine the measurement of $\angle G E F$. Write an equation that could be used to solve the problem.


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## Geometry Worksheets <br> (Adjacent Angles)

5. Solve for the measurement of $\angle U S W$. $\angle R S T$ is a straight angle.


$$
70^{\circ}+x^{\circ}+35^{\circ}=180^{\circ}
$$

$$
X=75^{\circ}
$$

6. Solve for the measurement of $\angle O M L$. $\angle L M N$ is a straight angle.

$x^{\circ}+73^{\circ}+72^{\circ}=180^{\circ}$
$x=35^{\circ}$
7. In the following figure, DEFH is a rectangle. Without using a protractor, determine the measurement of $\angle G E F$. Write an equation that could be used to solve the problem.


$$
\begin{aligned}
& 74^{\circ}+x^{\circ}=90^{\circ} \\
& x=15^{\circ}
\end{aligned}
$$

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