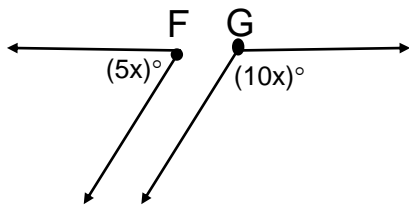


NAME _____ DATE _____ PERIOD _____

A# 2-3: Angle Pairs

Tell what type of angle pair each is and solve for 'x'.

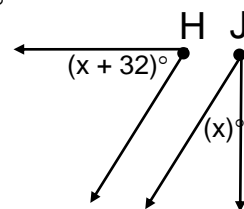
1. $m\angle F + m\angle G = 180^\circ$.



Type of pair: _____

x = _____

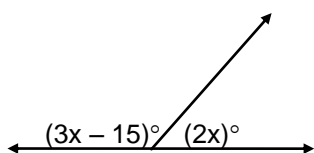
2. $m\angle H + m\angle J = 90^\circ$



Type of pair: _____

x = _____

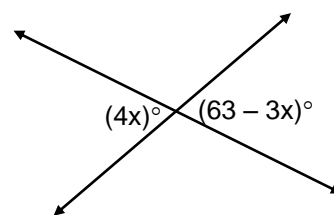
3.



Type of pair: _____

x = _____

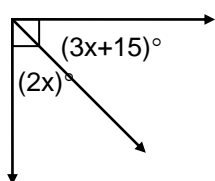
4.



Type of pair: _____

x = _____

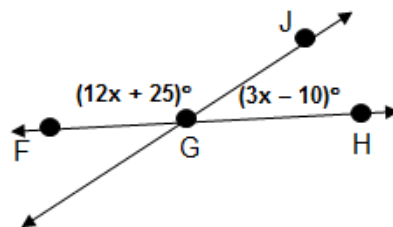
5.



Type of pair: _____

x = _____

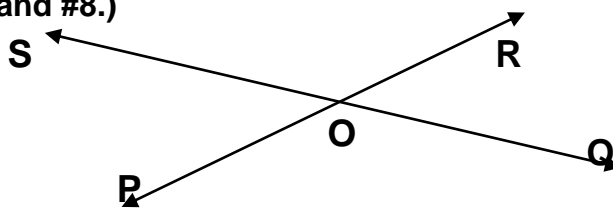
6.



Type of pair: _____

x = _____

(Use the diagram below for problems #7 and #8.)



7. Find the value of x and each angle if $m\angle SOP = (5x)^\circ$, and $m\angle ROQ = (4x + 10)^\circ$

$x =$ _____

$m\angle SOP =$ _____

$m\angle ROQ =$ _____

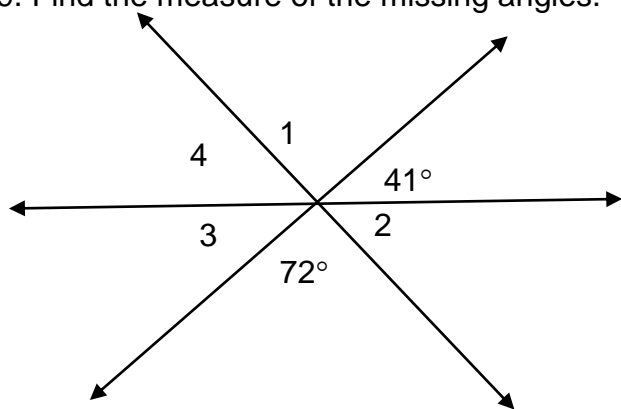
8. Find the value of y and each angle if $m\angle SOP = (7y - 12)^\circ$, and $m\angle SOR = (5y + 12)^\circ$

$y =$ _____

$m\angle SOP =$ _____

$m\angle SOR =$ _____

9. Find the measure of the missing angles.



$m\angle 1 =$ _____

$m\angle 2 =$ _____

$m\angle 3 =$ _____

$m\angle 4 =$ _____

10. $m\angle A =$ _____

$m\angle B =$ _____

Find the measure of two supplementary angles, $\angle A$ and $\angle B$, if $m\angle A = (3x - 7)^\circ$ and $m\angle B = (2x + 2)^\circ$.

<p>12. Type of pair:</p> <p>$m\angle G =$ _____</p>	<p>$m\angle F + m\angle G = 180^\circ.$</p>
<p>13. Type of pair:</p> <p>$m\angle H =$ _____</p>	<p>$m\angle H + m\angle J = 90^\circ.$</p>

