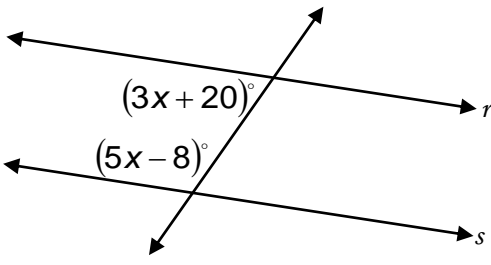
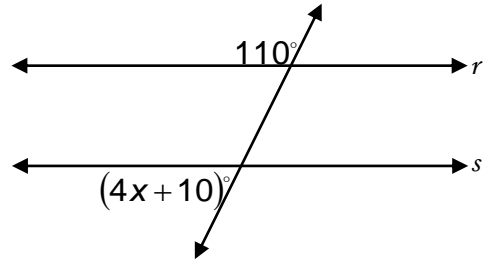
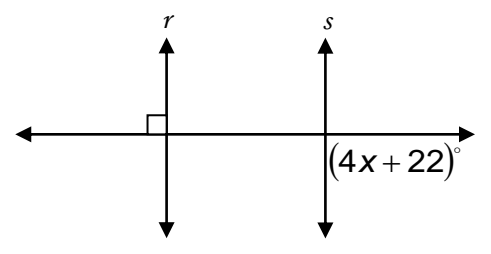
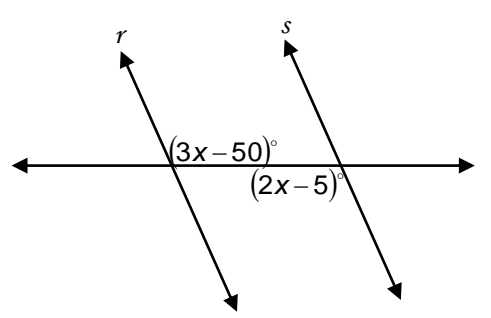
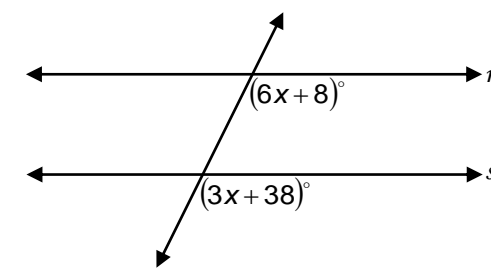


Name _____ Date _____ Period _____

Parallel Lines in Parallelograms

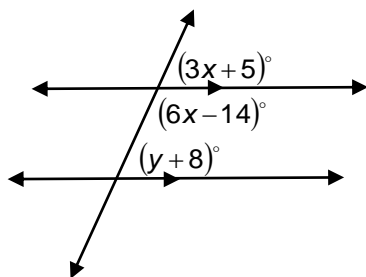
Find the value of 'x' each of the figures below to ensure $r \parallel s$.

<p>1. $x =$ _____</p> <p>Angle Pair: _____</p>	
<p>2. $x =$ _____</p> <p>Angle Pair: _____</p>	
<p>3. $x =$ _____</p> <p>Angle Pair: _____</p>	
<p>5. $x =$ _____</p> <p>Angle Pair: _____</p>	
<p>6. $x =$ _____</p> <p>Angle Pair: _____</p>	

Find the values of 'x' and 'y' in the figure below.

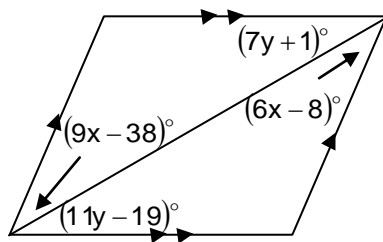
7. $x =$ _____

$y =$ _____



8. $x =$ _____

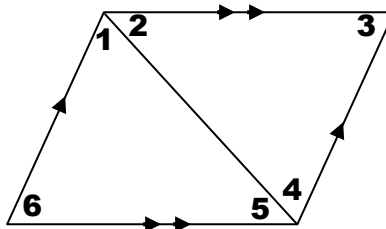
$y =$ _____



9. $x =$ _____

$y =$ _____

If $m\angle 2 = (6x - 4)^\circ$, $m\angle 4 = (11y + 2)^\circ$, $m\angle 5 = (7x - 10)^\circ$, and $m\angle 6 = 47^\circ$, find the values of 'x' and 'y'.



10. $x =$ _____

