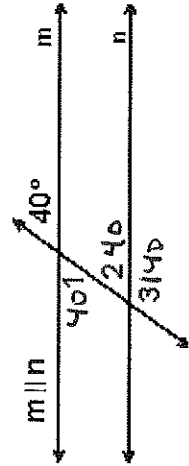
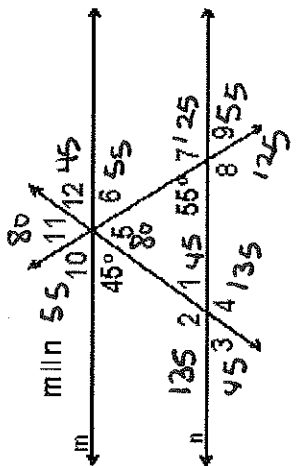
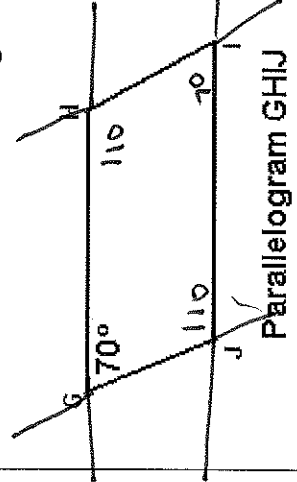
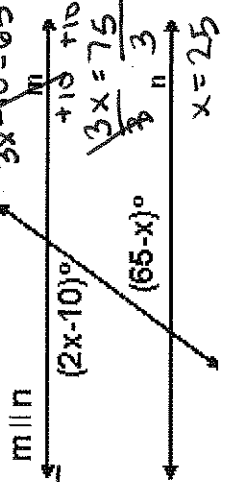
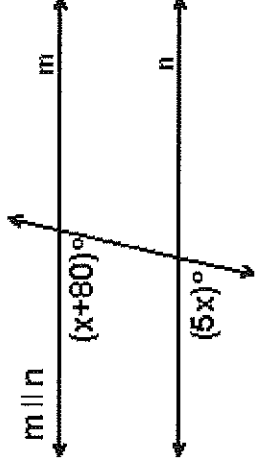
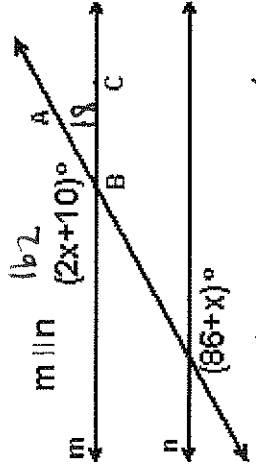
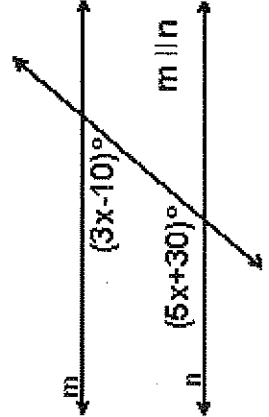


<p>Cornell Notes</p>	<p>Name: _____ Date: _____</p>
<p>Main Ideas/Questions</p> <p>3-3</p> <p>Title of Notes: Application of Properties of Parallel Lines</p> <p>I. Use properties of parallel lines to problem solve and find the missing angle measure.</p> <p>1. Find the measure of each angle.</p>  <p>2. Find the measure of each angle.</p>  <p>3. Find the measure of each angle.</p>  <p>4. Solve for x. <i>alt. int.</i></p>  <p>5. Solve for x.</p>  <p>6. Solve for x and find $m\angle ABC$</p>  <p>7. Solve for x and find $m\angle ABC$</p>  <p><i>Handwritten solutions:</i></p> <p>For problem 4: $2x - 10 = 65 - x$ $+x$ $3x - 10 = 65$ $+10$ $3x = 75$ $\div 3$ $x = 25$</p> <p>For problem 5: $x + 80 = 5x$ $-x$ $80 = 4x$ $\div 4$ $20 = x$</p> <p>For problem 6: $2x + 10 = 86 + x$ $-x$ $x + 10 = 86$ -10 $x = 76$</p> <p>For problem 7: $3x - 10 + 5x + 30 = 180$ $8x + 20 = 180$ -20 $8x = 160$ $\div 8$ $x = 20$</p>	