

<p>1. Write the equation of the line passing through the points (9,14) and (17,21) in <u>slope-intercept form</u>.</p>	<p>2. Write the equations of the line passing through the points (16,3) and (-4,7) in <u>point-slope form</u>.</p>	<p>3. Solve and graph the solution on a number line. Then state the solution.  <math>3x + 2 \geq -8 + x</math> or <math>-7x + 14 \geq 21</math></p>
<p>3. Solve and graph the solution on a number line. Then state the solution.  <math>5 - 2y \leq -7</math> and <math>5y &gt; -4 + y</math></p>	<p>5. Solve and graph the solutions on a number line.  <math> x + 5  + 3 &lt; 4</math></p>	<p>6. Solve using the quadratic formula.  <math>3x + 2 = -x^2</math></p>
<p>7. Solve using the zero product property.  <math>4x^2 + 2 = -9x</math></p>	<p>8. Solve and graph the solutions on a number line.  <math>\left  \frac{1}{2}x - 4 \right  = 1</math></p>	<p>9. Factor completely :  <math>2n^2 + 13n - 7</math></p>
<p>10. Factor completely :  <math>4a^2 - 20a - 56</math></p>	<p>11. Solve the system of equations. Write the solution as an ordered pair.  <math>3x - 5y = 12</math>  <math>6x + y = 5</math></p>	<p>12. Solve the system of inequalities by graphing.  <math>3x - 2y \geq 6</math>  <math>y &gt; -x</math></p> 