

<p>1. Write the equation of the line passing through the points (12,-4) and (3,15) in <u>slope-intercept form</u>.</p>	<p>2. Write the equations of the line passing through the points (3,-17) and (-6, 4) in <u>point-slope form</u>.</p>	<p>3. Solve and graph the solution on a number line. Then state the solution. $2x - 5 \geq 1$ or $-3x + 1 \leq -20$</p>
<p>4. Solve and graph the solution on a number line. Then state the solution. $4a + 5 > 11a + 12$ and $13 - 14a \leq 13 - 3a$</p>	<p>5. Solve and graph the solutions on a number line. $- x + 3 \geq 2$</p>	<p>6. Solve using the quadratic formula. $4 + 9x^2 - 12x = 0$</p>
<p>7. Solve using the zero product property. $8x^2 + 2x = 3$</p>	<p>8. Solve and graph the solutions on a number line. $2x - 1 = 3$</p>	<p>9. Factor completely : $6n^2 - 7n - 3$</p>
<p>10. Factor completely : $5b^2 + 5b - 30$</p>	<p>11. Solve the system of equations. Write the solution as an ordered pair. $x = 2y + 8$ $3x - 6y = 24$</p>	<p>12. Solve the system of inequalities by graphing. $x + 2y \leq 4$ $3x - y \geq -2$</p> 