

<p>1. Write the equation of the line passing through the points (1 -1) and (4,8) in <u>slope-intercept form</u></p>	<p>2. Write the equations of the line passing through the points (3,-5) and (-2, 7) in <u>point-slope form</u>.</p>	<p>3. Solve and graph the solution on a number line. Then state the solution. $7x - 5 > 65$ or $-3x - 2 \geq -2$</p>
<p>4. Solve and graph the solution on a number line. Then state the solution. $7k + 6 > -50$ and $7k \leq -14$</p>	<p>5. Solve and graph the solutions on a number line. $2x + 1 > -5$</p>	<p>6. Solve using the quadratic formula. $x^2 + 1 = 4x$</p>
<p>7. Solve using the zero product property. $9x^2 = 15x - 4$</p>	<p>8. Solve and graph the solutions on a number line. $3 2x + 4 = 6$</p>	<p>9. Factor completely : $5x^2 - 32x - 21$</p>
<p>10. Factor completely : $2x^2 - 6x - 20$</p>	<p>11. Solve the system of equations. Write the solution as an ordered pair. $2x - 3y = 16$ $5x + 6y = 13$</p>	<p>12. Solve the system of inequalities by graphing. $y > -x + 1$ $x - y \geq -2$</p> 