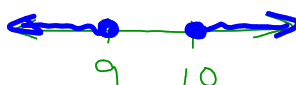
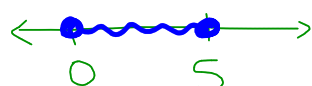
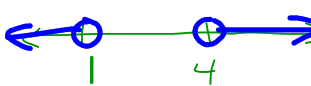


<p>1. Write the equation of the line passing through the points (-8,7) and (1,10) in <u>slope-intercept form</u></p> $y = \frac{1}{3}x + \frac{29}{3}$	<p>2. Write the equations of the line passing through the points (2,11) and (-5, -3) in <u>point-slope form</u>.</p> $y - 11 = 2(x - 2)$ <p style="text-align: center;">or</p> $y + 3 = 2(x + 5)$	<p>3. Solve and graph the solution on a number line. Then state the solution.</p> $2n + 7 \geq 27 \text{ or } 3 + 3n \leq 30$  <p style="text-align: center;">$n \leq 9 \text{ or } n \geq 10$</p>
<p>4. Solve and graph the solution on a number line. Then state the solution.</p> $6 \leq x + 6 \leq 11$  <p style="text-align: center;">$0 \leq x \leq 5$</p>	<p>5. Solve and graph the solutions on a number line.</p> $ 2x - 5 > 3$  <p style="text-align: center;">$x < 1 \text{ or } x > 4$</p>	<p>6. Solve using the quadratic formula.</p> $2x^2 + 4x = 5$ $x = \frac{-2 \pm \sqrt{14}}{2}$ <p style="text-align: center;">$\approx -2.9 \text{ or } 0.9$</p>
<p>7. Solve using the zero product property.</p> $5x = 6 - 6x^2$ $x = \frac{2}{3} \text{ or } x = -\frac{3}{2}$	<p>8. Solve and graph the solutions on a number line.</p> $ x + 1 + 7 = 2$ <p style="text-align: center;">\emptyset</p>	<p>9. Factor completely :</p> $3y^2 - 11y + 10$ $(3y - 5)(y - 2)$
<p>10. Factor completely :</p> $3a^2 - 27a + 60$ $3(a - 4)(a - 5)$	<p>11. Solve the system of equations. Write the solution as an ordered pair.</p> $2x + 5y = 7$ $6x = 10 - 15y$ <p style="text-align: center;">\emptyset</p>	<p>12. Solve the system of inequalities by graphing.</p> $-3x > 2y + 6$ $x - 4y \geq -8$ 