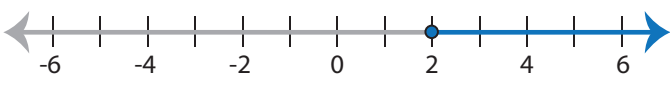




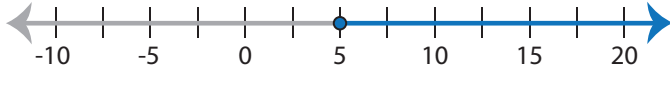
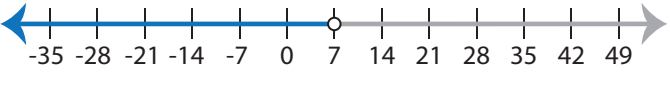


# Multi-Step Inequalities

Choose the inequality that describes each graph.

<p>1)</p>  <p>a) <math>15 \geq 3(2x + 1)</math>      b) <math>3(2x + 1) &lt; 15</math></p>	<p>2)</p>  <p>a) <math>\frac{3x + 1}{2} &lt; 2</math>      b) <math>2 \geq \frac{3x + 1}{2}</math></p>
<div style="border: 2px solid red; padding: 10px;"> <h2 style="color: blue;">Preview</h2> <p style="color: blue; font-size: 1.2em;">Become a member to unlock unrestricted access to both printable and online worksheets.</p>  <p><a href="http://www.tutoringhour.com">www.tutoringhour.com</a></p> </div>	
<p>3)</p>  <p>a) <math>30 \leq 5(2x - 12)</math>      c) <math>5(2x - 12) &lt; 30</math></p>	<p>5)</p>  <p>a) <math>\frac{15x}{5} - x \geq 12</math>      c) <math>12 &lt; x - \frac{15x}{5}</math></p>
<p>7)</p>  <p>a) <math>x + \frac{8x}{5} \geq 13</math>      b) <math>13 &lt; x + \frac{8x}{5}</math></p> <p>c) <math>x + \frac{8x}{5} \leq 13</math>      d) <math>13 &gt; x + \frac{8x}{5}</math></p>	<p>8)</p>  <p>a) <math>38 \geq 2(5x - 16)</math>      b) <math>2(5x - 16) &gt; 38</math></p> <p>c) <math>2(5x - 16) &lt; 38</math>      d) <math>38 \leq 2(5x - 16)</math></p>