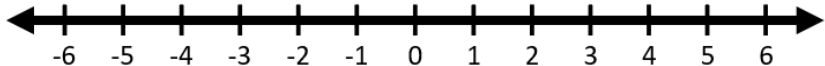
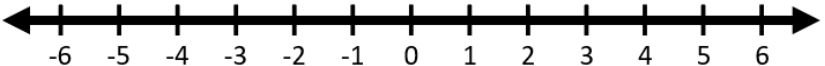
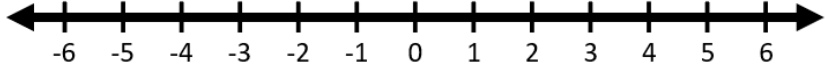
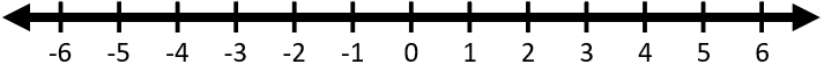
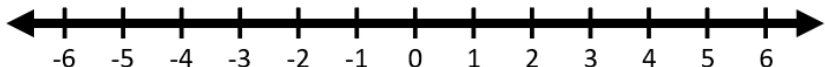
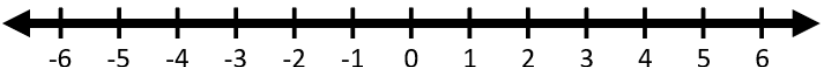
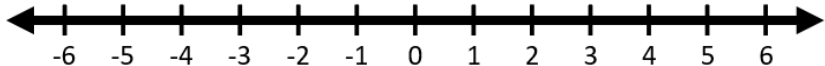
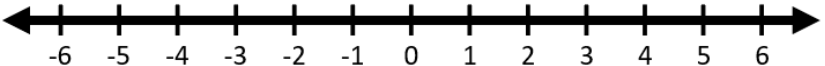
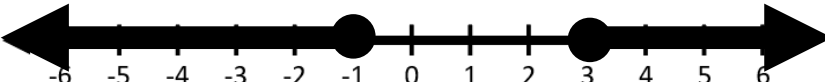
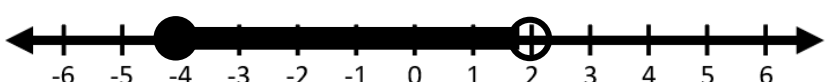




COMPOUND INEQUALITIES

Graph each compound inequality.

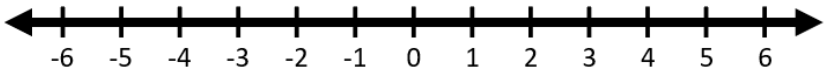
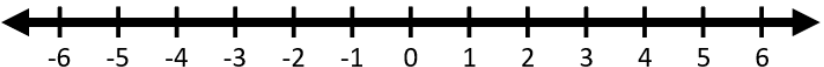
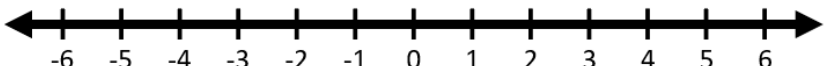
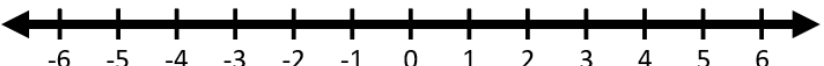
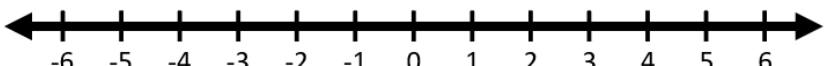
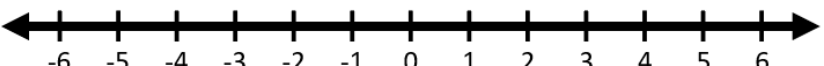
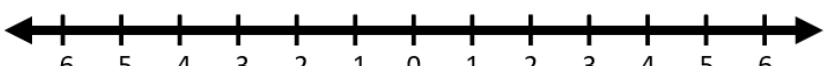
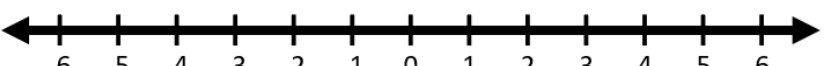
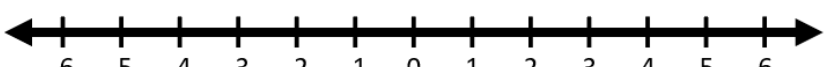
<p>1 $-2 < x \leq 3$</p> 	<p>2 $x < 3$ or $x > 5$</p> 
<p>3 $-4 \leq x \leq 1$</p> 	<p>4 $x \leq 1$ or $x > 5$</p> 
<p>5 All real numbers that are less than -2 or greater than 1.</p> 	<p>6 All real numbers that are greater than or equal to -4 and less than 2.</p> 
<p>7 All real numbers that are greater than 0 and less than 5.</p> 	<p>8 All real numbers that are less than -5 or greater than or equal to 4.</p> 

Write a compound inequality for each graph.

<p>9</p> 	<p>10</p> 
<p>11</p> 	<p>12</p> 

COMPOUND INEQUALITIES

Solve and graph each compound inequality.

<p>1 $-41 \leq 9x - 5 < 4$</p> 	<p>2 $7x + 30 \leq 9$ or $-4x + 18 \leq -2$</p> 
<p>3 $-17 < 5x - 12 < 3$</p> 	<p>4 $-5 \leq -2x - 7 < 3$</p> 
<p>5 $8x - 11 < -3$ or $-3x + 10 \leq -2$</p> 	<p>6 $-17 \leq 4x + 3 \leq 11$</p> 
<p>7 $3x - 1 < -7$ or $8 - x < 3$</p> 	<p>8 $2x + 17 \leq 15$ or $-9x + 20 \leq -7$</p> 
<p>9 $-7x + 4 \geq -3$ or $6x - 40 > -16$</p> 	<p>10 $-2 \leq -6x + 10 \leq 10$</p> 