

7.1 Inequalities

NAME: _____

Corrective Assignment

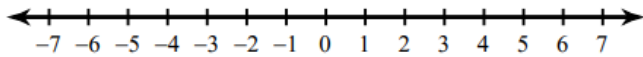
DATE: _____

Use the inequality to express in words, graph on the number, and select values that are in the solution set.

1. Inequality: $x < 3$

Express in words:

Graph on number line:



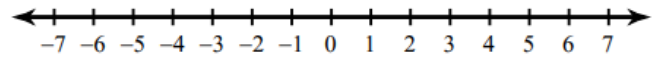
Circle all values of x that make the inequality true:

- $x = 8$ $x = 2$ $x = 6$ $x = -4$

2. Inequality: $n \geq -5$

Express in words:

Graph on number line:

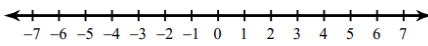


Circle all values of n that make the inequality true:

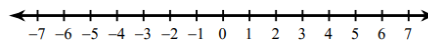
- $n = 3$ $n = 0$ $n = -5$ $n = -2$

Graph the inequalities on the number line. Rewrite so the variable is on the left if necessary!

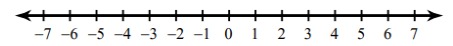
3. $x > 2$



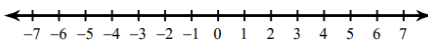
4. $g \leq -1$



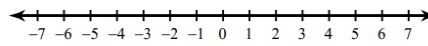
5. $3 < t$



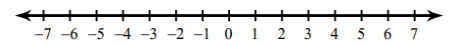
6. $n > -4$



7. $3 \leq r$

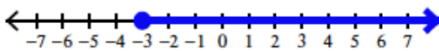


8. $-5 < p$

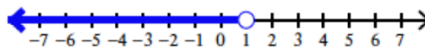


Write an inequality for each graph (use n as your variable).

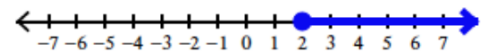
9.



10.



11.



ANSWERS TO 7.1 CORRECTIVE ASSIGNMENT

<p>1. $x < 3$, x is a number less than 3, Solutions: $x = 2, x = -4$</p>	<p>2. $n \geq -5$, n is a number greater than or equal to 5 All points are solutions</p>	
<p>3. </p>	<p>4. </p>	<p>5. </p>
<p>6. </p>	<p>7. </p>	<p>8. </p>
<p>9. $n \geq -3$</p>	<p>10. $n < 1$</p>	<p>11. $n \geq 2$</p>