



Function Domain/Range Definition - Set Builder to Inequality (Without Union)



<p>1</p> <p>What inequality describes range on this number line?</p> <p>$\{Y \in \mathbb{R} Y < 8\}$</p> <table border="1"> <tr> <td>A</td> <td>B</td> </tr> <tr> <td>$Y < 8$</td> <td>$8 < Y$</td> </tr> </table>	A	B	$Y < 8$	$8 < Y$	<p>2</p> <p>What inequality describes range on this number line?</p> <p>$\{Y \in \mathbb{R} -3 \leq Y\}$</p> <table border="1"> <tr> <td>A</td> <td>B</td> </tr> <tr> <td>$-3 \leq Y$</td> <td>$-3 < Y$</td> </tr> </table>	A	B	$-3 \leq Y$	$-3 < Y$
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<p>3</p> <p>What inequality describes domain on this number line?</p> <p>$\{X \in \mathbb{R} 1 < X < 4\}$</p> <table border="1"> <tr> <td>A</td> <td>B</td> </tr> <tr> <td>$1 \leq X \leq 4$</td> <td>$1 < X < 4$</td> </tr> </table>	A	B	$1 \leq X \leq 4$	$1 < X < 4$	<p>4</p> <p>What inequality describes range on this number line?</p> <p>$\{Y \in \mathbb{R} 1 < Y < 7\}$</p> <table border="1"> <tr> <td>A</td> <td>B</td> </tr> <tr> <td>$1 < Y < 7$</td> <td>$1 \leq Y \leq 7$</td> </tr> </table>	A	B	$1 < Y < 7$	$1 \leq Y \leq 7$
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<p>5</p> <p>What inequality describes range on this number line?</p> <p>$\{Y \in \mathbb{R} -7 < Y\}$</p> <table border="1"> <tr> <td>A</td> <td>B</td> </tr> <tr> <td>$-\infty < Y < \infty$</td> <td>$-7 < Y$</td> </tr> </table>	A	B	$-\infty < Y < \infty$	$-7 < Y$	<p>6</p> <p>What inequality describes domain on this number line?</p> <p>$\{X \in \mathbb{R} -7 \leq X < 3\}$</p> <table border="1"> <tr> <td>A</td> <td>B</td> </tr> <tr> <td>$-7 < X < 3$</td> <td>$-7 \leq X < 3$</td> </tr> </table>	A	B	$-7 < X < 3$	$-7 \leq X < 3$
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<p>7</p> <p>What inequality describes domain on this number line?</p> <p>$\{X \in \mathbb{R} 1 < X\}$</p> <table border="1"> <tr> <td>A</td> <td>B</td> </tr> <tr> <td>$X < 1$</td> <td>$1 < X$</td> </tr> </table>	A	B	$X < 1$	$1 < X$	<p>8</p> <p>What inequality describes domain on this number line?</p> <p>$\{X \in \mathbb{R} -2 \leq X\}$</p> <table border="1"> <tr> <td>A</td> <td>B</td> </tr> <tr> <td>$-2 \leq X$</td> <td>$-2 < X$</td> </tr> </table>	A	B	$-2 \leq X$	$-2 < X$
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