



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

<p>1 What range does this inequality describe?</p> $\{Y \in \mathbb{Z} \mid -3 \leq Y\}$	<p>2 What domain does this inequality describe?</p> $\{X \in \mathbb{Z} \mid -4 < X\}$
<p>A All integers greater than or equal to -3</p>	<p>A All integers</p>
<p>B All integers less than or equal to -3</p>	<p>B All integers greater than -4</p>
<p>3 What domain does this inequality describe?</p> $\{X \in \mathbb{Z} \mid -3 \leq X\}$	<p>4 What domain does this inequality describe?</p> $\{X \in \mathbb{Z} \mid -3 \leq X < 7\}$
<p>A All integers greater than -3 and less than or equal to 8</p>	<p>A All integers greater than or equal to -3 and less than 7</p>
<p>B All integers greater than or equal to -3</p>	<p>B All integers greater than or equal to -3</p>
<p>5 What range does this inequality describe?</p> $\{Y \in \mathbb{Z} \mid -7 \leq Y < 3\}$	<p>6 What range does this inequality describe? $\{Y \in \mathbb{R} \mid 0 < Y\}$</p>
<p>A All integers greater than or equal to -7 and less than 3</p>	<p>A All real numbers less than 0</p>
<p>B All integers less than 3</p>	<p>B All real numbers greater than 0</p>
<p>7 What domain does this inequality describe? $\{X \in \mathbb{R} \mid X \leq 3\}$</p>	<p>8 What domain does this inequality describe? $\{X \in \mathbb{Z} \mid X < 9\}$</p>
<p>A All real numbers less than or equal to 3</p>	<p>A All integers less than 9</p>
<p>B All real numbers greater than or equal to 3</p>	<p>B All integers greater than or equal to 3 and less than or equal to 9</p>