



Function Domain/Range Definition - Words to Set Builder (With Union)

<p>1</p> <p>Which set describes this range?</p> <p>All integers less than or equal to 7 OR greater than 8 and less than or equal to 10</p> <p>A $\{Y \in \mathbb{Z} -7 \leq Y \leq 7 \text{ or } 8 < Y \leq 10\}$</p> <p>B $\{Y \in \mathbb{Z} Y \leq 7 \text{ or } 8 < Y \leq 10\}$</p>	<p>2 Which set describes this domain?</p> <p>A $\{X \in \mathbb{R} X < 7 \text{ or } 8 \leq X\}$</p>	<p>All real numbers less than 7 OR greater than or equal to 8</p> <p>B $\{X \in \mathbb{R} -7 < X < 7 \text{ or } 8 < X\}$</p>
<p>3</p> <p>Which set describes this domain?</p> <p>All integers greater than 3 and less than 7 OR greater than or equal to 10 and less than or equal to 10</p> <p>A $\{X \in \mathbb{Z} 3 \leq X \leq 7 \text{ or } -10 < X < 10\}$</p> <p>B $\{X \in \mathbb{Z} 3 < X < 7 \text{ or } 10 \leq X \leq 10\}$</p>	<p>4</p> <p>All real numbers greater than 4 and less than or equal to 7 OR greater than 8 and less than 10</p>	<p>Which set describes this domain?</p> <p>A $\{X \in \mathbb{R} 4 < X < 7 \text{ or } 8 \leq X \leq 10\}$</p> <p>B $\{X \in \mathbb{R} 4 < X \leq 7 \text{ or } 8 < X < 10\}$</p>
<p>5</p> <p>Which set describes this range?</p> <p>All integers greater than -8 and less than 7 OR greater than or equal to 10</p> <p>A $\{Y \in \mathbb{Z} -8 < Y < 7 \text{ or } 10 \leq Y\}$</p> <p>B $\{Y \in \mathbb{Z} -8 \leq Y \leq 7 \text{ or } -10 \leq Y \leq 10\}$</p>	<p>6</p> <p>All integers less than or equal to 1 OR greater than or equal to 2</p>	<p>Which set describes this domain?</p> <p>A $\{X \in \mathbb{Z} X \leq 1 \text{ or } 2 \leq X\}$</p> <p>B $\{X \in \mathbb{Z} -1 \leq X \leq 1 \text{ or } -2 \leq X \leq 2\}$</p>
<p>7</p> <p>Which set describes this domain?</p> <p>All integers greater than -3 and less than or equal to 7 OR greater than 8 and less than 10</p> <p>A $\{X \in \mathbb{Z} -3 < X \leq 7 \text{ or } 8 \leq X \leq 10\}$</p> <p>B $\{X \in \mathbb{Z} -3 < X \leq 7 \text{ or } 8 < X < 10\}$</p>	<p>8</p> <p>All integers greater than or equal to -7 and less than 6 OR greater than 10 and less than 10</p>	<p>Which set describes this range?</p> <p>A $\{Y \in \mathbb{Z} -7 < Y < 6 \text{ or } -10 < Y \leq 10\}$</p> <p>B $\{Y \in \mathbb{Z} -7 \leq Y < 6 \text{ or } 10 < Y < 10\}$</p>