



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

<p>1</p> <p>All real numbers less than 1 OR greater than 3 and less than 8</p> <p>What inequality describes this range?</p> <p>A $Y \leq 1$ or $3 < Y < 8$</p> <p>B $Y < 1$ or $3 < Y < 8$</p>	<p>2</p> <p>All real numbers greater than or equal to 1 and less than or equal to 5 OR greater than or equal to 8 and less than 10</p> <p>What inequality describes this range?</p> <p>A $Y < 5$ or $8 < Y < 10$</p> <p>B $1 \leq Y \leq 5$ or $8 \leq Y < 10$</p>
<p>3</p> <p>What inequality describes this domain?</p> <p>All real numbers less than 7 OR greater than or equal to 10</p> <p>A $-7 < X < 7$ or $10 < X$</p> <p>B $X < 7$ or $10 \leq X$</p>	<p>4</p> <p>All real numbers greater than or equal to -2 and less than or equal to 7 OR greater than or equal to 8</p> <p>What inequality describes this range?</p> <p>A $-2 < Y < 7$ or $8 < Y$</p> <p>B $-2 \leq Y \leq 7$ or $8 \leq Y$</p>
<p>5</p> <p>What inequality describes this domain?</p> <p>All real numbers less than or equal to -5 OR greater than -4</p> <p>A $X \leq -5$ or $-4 \leq X$</p> <p>B $X \leq -5$ or $-4 < X$</p>	<p>6</p> <p>All real numbers less than or equal to 5 OR greater than or equal to 8 and less than or equal to 10</p> <p>What inequality describes this range?</p> <p>A $Y \leq 5$ or $8 \leq Y \leq 10$</p> <p>B $-5 \leq Y \leq 5$ or $8 < Y < 10$</p>
<p>7</p> <p>All real numbers greater than or equal to -3 and less than or equal to 6 OR greater than 7</p> <p>What inequality describes this range?</p> <p>A $-3 \leq Y \leq 6$ or $7 < Y$</p> <p>B $Y \leq 6$ or $7 \leq Y < 10$</p>	<p>8</p> <p>All real numbers greater than 4 and less than 7 OR greater than 8</p> <p>What inequality describes this domain?</p> <p>A $4 < X < 7$ or $8 < X$</p> <p>B $4 \leq X \leq 7$ or $8 \leq X \leq 10$</p>