



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

1 Which set describes this range?	All integers greater than or equal to -4 and less than -1	2 Which set describes this domain?	All integers greater than or equal to 4 and less than 9
A $\{Y \in \mathbb{Z} -4 \leq Y < -1\}$	B $\{Y \in \mathbb{Z} Y < -1\}$	A $\{X \in \mathbb{Z} 4 \leq X \leq 9\}$	B $\{X \in \mathbb{Z} 4 \leq X < 9\}$
3 Which set describes this range?	All real numbers less than or equal to 2	4 Which set describes this range?	All integers greater than -5
A $\{Y \in \mathbb{R} 2 \leq Y\}$	B $\{Y \in \mathbb{R} Y \leq 2\}$	A $\{Y \in \mathbb{Z} -5 < Y\}$	B $\{Y \in \mathbb{Z} Y < -5\}$
5 Which set describes this range?	All integers greater than 0 and less than 6	6 Which set describes this domain?	All integers greater than or equal to -10
A $\{Y \in \mathbb{Z} 0 < Y < 6\}$	B $\{Y \in \mathbb{Z} 0 \leq Y \leq 6\}$	A $\{X \in \mathbb{Z} -10 \leq X\}$	B $\{X \in \mathbb{Z} X \leq -10\}$
7 Which set describes this range?	All real numbers greater than or equal to -3	8 Which set describes this domain?	All integers less than 7
A $\{Y \in \mathbb{R} Y \leq -3\}$	B $\{Y \in \mathbb{R} -3 \leq Y\}$	A $\{X \in \mathbb{Z} X < 7\}$	B $\{X \in \mathbb{Z} X \leq 7\}$