



## Function Domain/Range Definition - Words to Inequality (Without Union)

1	What inequality describes this range?	All real numbers greater than or equal to -2 and less than 5	2	What inequality describes this range?	All real numbers less than or equal to 3
A	$-2 \leq Y < 5$	B	A	$Y < 5$	B
				$Y \leq 3$	$3 \leq Y$
3	What inequality describes this domain?	All real numbers greater than 1 and less than or equal to 5	4	What inequality describes this range?	All real numbers greater than 0 and less than or equal to 9
A	$1 < X \leq 5$	B	A	$0 \leq Y < 9$	B
	$1 \leq X$			$0 < Y \leq 9$	
5	What inequality describes this range?	All real numbers	6	What inequality describes this range?	All real numbers greater than or equal to -7 and less than 2
A	$-\infty < Y < \infty$	B	A	$-7 \leq Y < 2$	B
	$4 \leq Y$			$-7 \leq Y \leq 2$	
7	What inequality describes this domain?	All real numbers greater than -4 and less than or equal to 6	8	What inequality describes this domain?	All real numbers less than or equal to 0
A	$X < 6$	B	A	$X \leq 0$	B
	$-4 < X \leq 6$			$-\infty < X < \infty$	