



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

1 What domain does this interval describe? $(-\infty, 7) \cup [9, \infty)$	2 What range does this interval describe? $(-6, 7) \cup (8, \infty)$
A All real numbers less than 7 OR greater than 9	A All real numbers greater than -6 and less than 7 OR greater than 8
B All real numbers less than 7 OR greater than or equal to 9	B All real numbers greater than or equal to -6 and less than or equal to 7 OR greater than or equal to 8
3 What domain does this interval describe? $(-\infty, 7] \cup [8, 10)$	4 What domain does this interval describe? $(-\infty, 7) \cup (8, \infty)$
A All real numbers less than or equal to 7 OR greater than or equal to 8 and less than 10	A All real numbers less than 7 OR greater than 8
B All real numbers greater than or equal to -7 and less than or equal to 7 OR greater than or equal to 8 and less than 10	B All real numbers less than 7 OR greater than 8 and less than 10
5 What domain does this interval describe? $(-\infty, -1) \cup [2, \infty)$	6 What domain does this interval describe? $(-3, 7) \cup [9, \infty)$
A All real numbers less than -1 OR greater than 2	A All real numbers less than or equal to 7 OR greater than or equal to 9 and less than or equal to 10
B All real numbers less than -1 OR greater than or equal to 2	B All real numbers greater than -3 and less than 7 OR greater than or equal to 9
7 What range does this interval describe? $(-\infty, 7) \cup [10, \infty)$	8 What domain does this interval describe? $(-\infty, 2] \cup (5, \infty)$
A All real numbers less than 7 OR greater than or equal to 10	A All real numbers greater than or equal to -2 and less than or equal to 2 OR greater than 5
B All real numbers greater than -7 and less than 7 OR greater than or equal to 10	B All real numbers less than or equal to 2 OR greater than 5