



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

1

All real numbers less than or equal to 1 OR greater than or equal to 2

A

B

$(-\infty, 1] \cup [2, \infty)$

2

All real numbers greater than or equal to 4 and less than 7 OR greater than 7 and less than 11

A

B

$[4, 7] \cup [7, 11]$

3

All real numbers greater than or equal to -8 and less than -1 OR greater than or equal to 3

A

B

$[-8, -1) \cup [3, \infty)$

4

All real numbers greater than or equal to 4 and less than 9 OR greater than or equal to 13

A

$(-\infty, 9) \cup (13, \infty)$

B

$[4, 9) \cup [13, \infty)$

5

All real numbers greater than or equal to 4 and less than 8 OR greater than or equal to 12

A

B

$[4, 8) \cup [12, 16]$

6

All real numbers greater than -10 and less than 3 OR greater than 3

A

B

$(-10, 3) \cup (3, \infty)$

7

All real numbers less than -1 OR greater than or equal to 0

A

B

$(-\infty, -1) \cup [0, \infty)$

8

All real numbers less than or equal to 4 OR greater than or equal to 7

A

B

$(-9, 4) \cup [7, 13]$