



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

1

All real numbers less than or equal to 6 OR greater than or equal to 7

A

B

$(-\infty, 6) \cup (7, \infty)$

$(-\infty, 6] \cup [7, \infty)$

2

All real numbers greater than or equal to -3 and less than 1 OR greater than 2 and less than or equal to 10

A

B

$(-\infty, 1) \cup (2, 10]$

$[-3, 1) \cup (2, 10]$

3

All real numbers less than 0 OR greater than 4 and less than or equal to 10

A

B

$(-\infty, 0) \cup (4, 10]$

$(-1, 1) \cup (4, 10]$

4

All real numbers less than or equal to 7 OR greater than 8 and less than 10

A

B

$(-\infty, 7] \cup (8, 10)$

$[-4, 7] \cup [8, 10]$

5

All real numbers less than 6 OR greater than or equal to 9

A

B

$(-6, 6) \cup (9, 10]$

$(-\infty, 6) \cup [9, \infty)$

6

All real numbers less than 3 OR greater than or equal to 7

A

B

$(-\infty, 3] \cup (7, \infty)$

$(-\infty, 3) \cup [7, \infty)$

7

All real numbers greater than -5 and less than 1 OR greater than 4 and less than 7

A

B

$[-5, 1) \cup [4, 7)$

$(-5, 1) \cup (4, 7)$

8

All real numbers less than 3 OR greater than 7

A

B

$[-5, 3) \cup [7, \infty)$

$(-\infty, 3) \cup (7, \infty)$