



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

1 What range does this interval describe?
 $(-10, 8) \cup [9, 17)$

- A All real numbers greater than -10 and less than 8 OR greater than or equal to 9 and less than 17
- B All real numbers greater than -10 and less than or equal to 8 OR greater than 9 and less than or

2 What range does this interval describe?
 $[-7, -1] \cup (0, 5)$

- A All real numbers greater than or equal to -7 and less than or equal to -1 OR greater than 0 and less than 5
- B All real numbers greater than -7 and less than or equal to -1 OR greater than 0 and less than 5

3 What domain does this interval describe?
 $[1, 7] \cup (11, 19]$

- A All real numbers greater than or equal to 1 and less than or equal to 7 OR greater than or equal to 11 and less than or equal to 19
- B All real numbers greater than or equal to 1 and less than or equal to 7 OR greater than 11 and less than or equal to 19

4 What domain does this interval describe?
 $[-9, 5) \cup [6, 11)$

- A All real numbers greater than or equal to -9 and less than 5 OR greater than or equal to 6 and less than 11
- B All real numbers greater than or equal to -9 and less than 5 OR greater than 6

5 What domain does this interval describe?
 $[-3, 0) \cup [1, \infty)$

- A All real numbers greater than -3 and less than 0 OR greater than or equal to 1
- B All real numbers greater than or equal to -3 and less than 0 OR greater than or equal to 1

6 What domain does this interval describe?
 $[-2, 1) \cup (2, \infty)$

- A All real numbers greater than or equal to -2 and less than or equal to 1 OR greater than or equal to 2 and less than or equal to 11
- B All real numbers greater than or equal to -2 and less than 1 OR greater than 2

7 What range does this interval describe?
 $(-\infty, 0] \cup (3, \infty)$

- A All real numbers less than or equal to 0 OR greater than 3
- B All real numbers less than 0 OR greater than or equal to 3

8 What domain does this interval describe?
 $(-4, 0) \cup [4, \infty)$

- A All real numbers greater than -4 and less than 0 OR greater than or equal to 4
- B All real numbers greater than or equal to -4 and less than 0 OR greater than 4