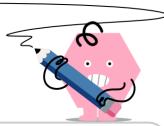


mobius

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



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
- 3 What domain does this interval describe?

 $[1, 7] \cup (11, 19]$

- 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
- 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
- 5 What domain does this interval describe?

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 $[-3,0)\cup[1,\infty)$

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

OR greater than or equal to 1

7 What range does this interval describe?

 $(-\infty,0] \cup (3,\infty)$

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

2 What range does this interval describe?

 $[-7, -1] \cup (0, 5)$

 $[-9,5) \cup [6,11)$

- All real numbers greater than or equal to -7 and less than or equal to -1 OR greater than 0 and less than 5
- All real numbers greater than -7 and less than or equal to -1 OR greater than 0 and less than 5
- What domain does this interval describe?

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

- All real numbers greater than or equal to -9 and less than 5 OR greater than 6
- What domain does this interval describe?

All real numbers greater than or equal to -2 and

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

- less than or equal to 1 OR greater than or equal to 2 and less than or equal to 11
- All real numbers greater than or equal to -2 and less than 1 OR greater than 2
- What domain $(-4,0) \cup [4,\infty)$ does this interval describe?

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

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