



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

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

A All real numbers greater than -2 and less than 1 OR greater than 1 and less than 7

B All real numbers greater than or equal to -2 and less than or equal to 1 OR greater than or equal to 1 and less than or equal to 7

2 What range does this interval describe? $(-6, -1] \cup (1, 7)$

A All real numbers greater than -6 and less than or equal to -1 OR greater than 1 and less than 7

B All real numbers greater than or equal to -6 and less than or equal to -1 OR greater than or equal to 1 and less than or equal to 7

3 What domain does this interval describe? $(3, 7] \cup (8, 10)$

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

B All real numbers greater than 3 and less than or equal to 7 OR greater than 8 and less than 10

4 What range does this interval describe? $(-\infty, 7) \cup (9, \infty)$

A All real numbers less than 7 OR greater than 9

B All real numbers greater than -7 and less than 7 OR greater than 9

5 What domain does this interval describe? $[-6, 0) \cup (0, \infty)$

A All real numbers greater than or equal to -6 and less than 0 OR greater than 0

B All real numbers greater than -6 and less than or equal to 0 OR greater than -1 and less than 1

6 What domain does this interval describe? $(-\infty, 3] \cup [4, \infty)$

A All real numbers less than or equal to 3 OR greater than or equal to 4

B All real numbers greater than or equal to -3 and less than or equal to 3 OR greater than or equal to 4

7 What range does this interval describe? $(-5, 3) \cup [6, \infty)$

A All real numbers greater than or equal to -5 and less than 3 OR greater than or equal to 6

B All real numbers greater than -5 and less than 3 OR greater than or equal to 6

8 What domain does this interval describe? $[-10, 1] \cup [3, \infty)$

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

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