



Function Domain/Range Definition - Interval to Inequality (Without Union)

1

What inequality describes the range of this interval?

$$(-7, \infty)$$

A

$$-\infty < Y < \infty$$

B

$$-7 < Y$$

2

What inequality describes the range of this interval?

$$[1, \infty)$$

A

$$1 < Y$$

B

$$1 \leq Y$$

3

What inequality describes the range of this interval?

$$(0, 6]$$

A

$$0 \leq Y \leq 6$$

B

$$0 < Y \leq 6$$

4

What inequality describes the range of this interval?

$$(-\infty, 8)$$

A

$$4 \leq Y < 8$$

B

$$Y < 8$$

5

What inequality describes the domain of this interval?

$$[0, \infty)$$

A

$$0 < X$$

B

$$0 \leq X$$

6

What inequality describes the range of this interval?

$$(-\infty, 3]$$

A

$$Y < 3$$

B

$$Y \leq 3$$

7

What inequality describes the range of this interval?

$$[4, \infty)$$

A

$$4 < Y$$

B

$$4 \leq Y$$

8

What inequality describes the range of this interval?

$$[-7, \infty)$$

A

$$-7 < Y < 7$$

B

$$-7 \leq Y$$