



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

1

What inequality describes the domain of this interval?

$$[-6, \infty)$$

A

$$-6 \leq X$$

B

$$X \leq -6$$

2

What inequality describes the domain of this interval?

$$(-5, \infty)$$

A

$$-5 < X$$

B

$$-5 \leq X$$

3

What inequality describes the range of this interval?

$$[-7, \infty)$$

A

$$Y \leq -7$$

B

$$-7 \leq Y$$

4

What inequality describes the range of this interval?

$$(-\infty, 6]$$

A

$$Y \leq 6$$

B

$$6 \leq Y$$

5

What inequality describes the domain of this interval?

$$[-5, 4]$$

A

$$-5 < X < 4$$

B

$$-5 \leq X \leq 4$$

6

What inequality describes the range of this interval?

$$[-7, 8)$$

A

$$-7 \leq Y < 8$$

B

$$-7 \leq Y \leq 8$$

7

What inequality describes the domain of this interval?

$$(-\infty, \infty)$$

A

$$1 < X$$

B

$$-\infty < X < \infty$$

8

What inequality describes the range of this interval?

$$(-5, -1)$$

A

$$-5 < Y < -1$$

B

$$Y < -1$$