



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

1

$$0 < Y$$

What range does this inequality describe?

A All real numbers greater than or equal to 0

B All real numbers greater than 0

2

What domain does this inequality describe?

$$-10 \leq X$$

A

All real numbers greater than or equal to -10

B

All real numbers less than or equal to -10

3

$$1 \leq X$$

What domain does this inequality describe?

A All real numbers greater than 1

B All real numbers greater than or equal to 1

4

$$-9 < X$$

What domain does this inequality describe?

A All real numbers greater than or equal to -9

B All real numbers greater than -9

5

$$Y < 6$$

What range does this inequality describe?

A All real numbers less than 6

B All real numbers less than or equal to 6

6

$$Y \leq 4$$

What range does this inequality describe?

A All real numbers less than or equal to 4

B All real numbers greater than or equal to 4

7

$$-1 \leq X$$

What domain does this inequality describe?

A All real numbers greater than or equal to -1

B All real numbers less than or equal to -1

8

$$-8 < Y$$

What range does this inequality describe?

A All real numbers greater than -8

B All real numbers less than -8