



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

1

What inequality describes the range
on this number line?



A

$$Y \leq 9$$

B

$$Y < 9$$

2

What inequality describes the range
on this number line?



A

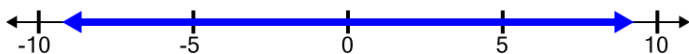
$$1 \leq Y$$

B

$$1 < Y$$

3

What inequality describes the range
on this number line?



A

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

B

$$Y < 6$$

4

What inequality describes the range
on this number line?



A

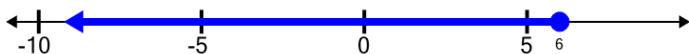
$$-6 < Y < 0$$

B

$$-6 \leq Y \leq 0$$

5

What inequality describes the range
on this number line?



A

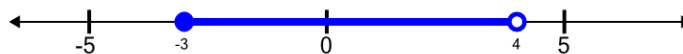
$$Y < 6$$

B

$$Y \leq 6$$

6

What inequality describes the range
on this number line?



A

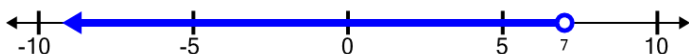
$$-3 \leq Y$$

B

$$-3 \leq Y < 4$$

7

What inequality describes the range
on this number line?



A

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

B

$$Y < 7$$

8

What inequality describes the range
on this number line?



A

$$-4 \leq Y$$

B

$$-4 < Y$$