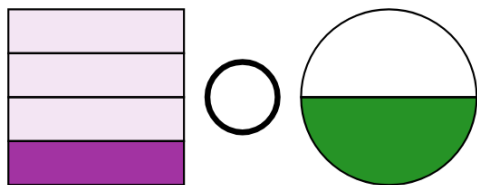




Generate values that satisfy an inequality

1

Compare the left side to the right side. Is it less than, equal to, or greater than?



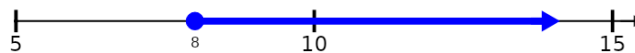
A <

B >

C =

2

What inequality does this number line show?



A

$$X \leq 8$$

B

$$0 \leq X \leq 8$$

C

$$8 < X$$

D

$$8 \leq X$$

3

What domain does this number line show?



A

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

B

All real numbers greater than 0 and less than 6

4

What range does this inequality describe?

$$Y \leq 3$$

A

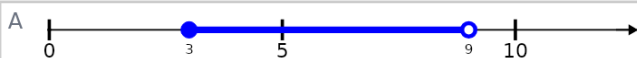
All real numbers less than or equal to 3

B

All real numbers

5

All real numbers greater than or equal to 3 and less than 9

**6**

What inequality describes the range on this number line?



A

$$Y < 4$$

B

$$4 < Y$$

7

What inequality describes the range on this number line?



A

$$Y \leq 5 \text{ or } 7 \leq Y$$

B

$$Y \leq 5 \text{ or } 7 < Y$$

8

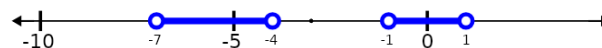
Which number line shows this domain?

$$-7 \leq X \leq -4 \text{ or } 0 < X$$

A



B

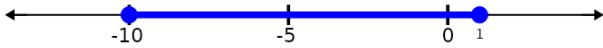


**Generate values that satisfy an inequality****9**

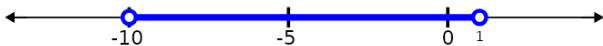
Which number line shows this domain?

$$-10 < X < 1$$

A



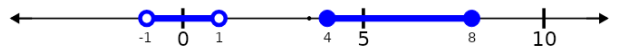
B

**10**

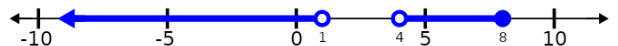
Which number line shows this domain?

$$X < 1 \text{ or } 4 < X \leq 8$$

A



B

**11**

Which number line shows this range?

$$3 < Y$$

A



B

**12**

Which number line shows this range?

$$Y < 3 \text{ or } 7 < Y$$

A



B

