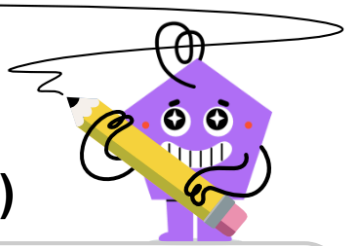
Name

Function Domain/Range Definition - Inequality to Number Line (With Union)

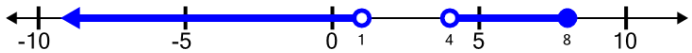


1

Which number line shows this domain?

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

A



B

2

Which number line shows this range? $Y < 5 \text{ or } 6 \leq Y$

A

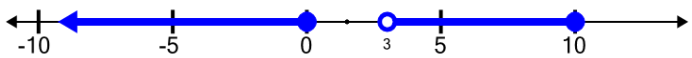
B

3

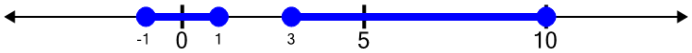
Which number line shows this range?

$$Y \leq 0 \text{ or } 3 < Y \leq 10$$

A



B



4

Which number line shows this range?

$$-2 < Y \leq 6 \text{ or } 7 \leq Y$$

A

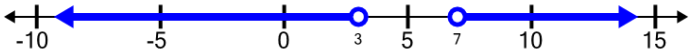
B

5

Which number line shows this range? $Y < 3 \text{ or } 7 < Y$

A

B

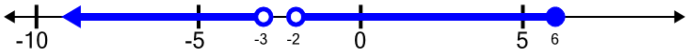


6

Which number line shows this domain?

$$X < -3 \text{ or } -2 \leq X$$

A



B

7

Which number line shows this domain?

$$X \leq 7 \text{ or } 8 \leq X < 10$$

A

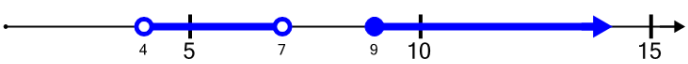
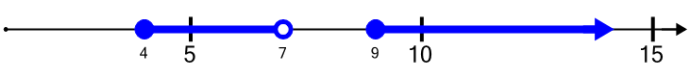
B

8

Which number line shows this range?

$$4 \leq Y < 7 \text{ or } 9 \leq Y$$

A



B