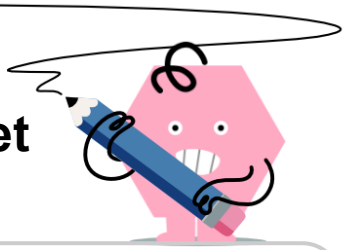
Name

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



1 What inequality describes range on this number line?

$$\{Y \in \mathbb{R} | -8 \leq Y\}$$

A $Y \leq -8$

B $-8 \leq Y$

2

What inequality describes range on this number line?

$$\{Y \in \mathbb{R} | Y \leq 4\}$$

A $4 \leq Y$

B $Y \leq 4$

3 What inequality describes range on this number line?

$$\{Y \in \mathbb{R} | -4 \leq Y\}$$

A $-4 \leq Y$

B $Y \leq -4$

4

What inequality describes domain on this number line?

$$\{X \in \mathbb{R} | X < 9\}$$

A $9 < X$

B $X < 9$

5

$$\{X \in \mathbb{R} |\}$$

What inequality describes domain on this number line?

A $X < 1$

B $-\infty < X < \infty$

6 What inequality describes range on this number line?

$$\{Y \in \mathbb{R} | -4 < Y \leq 7\}$$

A $Y < 7$

B $-4 < Y \leq 7$

7 What inequality describes range on this number line?

$$\{Y \in \mathbb{R} | -1 \leq Y\}$$

A $Y \leq -1$

B $-1 \leq Y$

8

What inequality describes domain on this number line?

$$\{X \in \mathbb{R} | X \leq 0\}$$

A $X \leq 0$

B $X < 0$