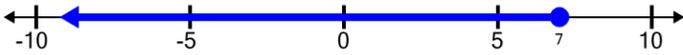




Function Domain/Range Definition - Number Line to Set Builder (Without Union)

1 Which set describes the range on this number line?



- A $\{Y \in \mathbb{R} | Y \leq 7\}$
- B $\{Y \in \mathbb{R} | Y \leq 7\}$

2 Which set describes the domain on this number line?



- A $\{X \in \mathbb{R} | -2 < X < 1\}$
- B $\{X \in \mathbb{R} | -2 \leq X \leq 1\}$

3 Which set describes the range on this number line?



- A $\{Y \in \mathbb{R} | Y < 8\}$

- B $\{Y \in \mathbb{R} | -2 < Y < 8\}$

4 Which set describes the range on this number line?



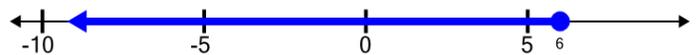
- A $\{Y \in \mathbb{R} | Y \leq 1\}$
- B $\{Y \in \mathbb{R} | 1 \leq Y\}$

5 Which set describes the range on this number line?



- A $\{Y \in \mathbb{R} | 9 \leq Y\}$
- B $\{Y \in \mathbb{R} | Y \leq 9\}$

6 Which set describes the domain on this number line?



- A $\{X \in \mathbb{R} | X \leq 6\}$
- B $\{X \in \mathbb{R} | 6 \leq X\}$

7 Which set describes the range on this number line?



- A $\{Y \in \mathbb{R} | 1 \leq Y \leq 8\}$

- B $\{Y \in \mathbb{R} | 1 < Y < 8\}$

8 Which set describes the range on this number line?



- A $\{Y \in \mathbb{R} | Y < -6\}$

- B $\{Y \in \mathbb{R} | -6 < Y\}$