

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

1 Which set describes the range on this number line?



A $\{Y \in \mathbb{R} | 4 \leq Y\}$ B $\{Y \in \mathbb{R} | 4 < Y\}$

2 Which set describes the range on this number line?



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

3 Which set describes the range on this number line?



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

4 Which set describes the range on this number line?



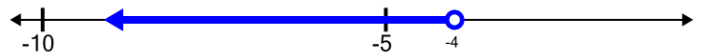
A $\{Y \in \mathbb{R} | -4 < Y \leq 0\}$
B $\{Y \in \mathbb{R} | -4 \leq Y\}$

5 Which set describes the domain on this number line?



A $\{X \in \mathbb{R} | 4 \leq X \leq 7\}$
B $\{X \in \mathbb{R} | 4 < X < 7\}$

6 Which set describes the range on this number line?



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

7 Which set describes the range on this number line?



A $\{Y \in \mathbb{R} | 2 \leq Y\}$ B $\{Y \in \mathbb{R} | 2 < Y\}$

8 Which set describes the range on this number line?



A $\{Y \in \mathbb{R} | Y < 4\}$ B $\{Y \in \mathbb{R} | Y \leq 4\}$