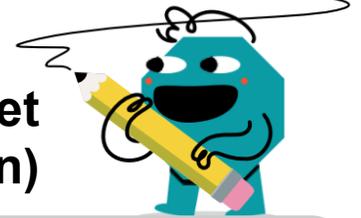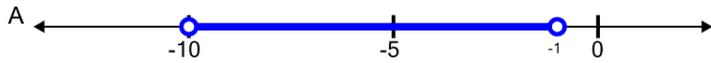# Function Domain/Range Definition - Set Builder to Number Line (Without Union)

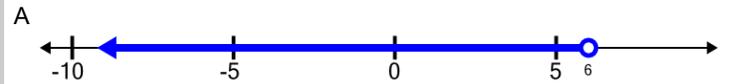**1** Which number line shows this domain?

$$\{X \in \mathbb{R} | -10 < X < -1\}$$
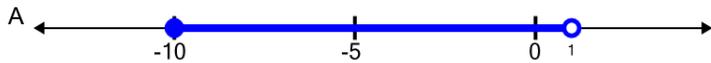
A

B

2 Which number line shows this range? $\{Y \in \mathbb{R} | Y < 6\}$

A

B

3 Which number line shows this range?

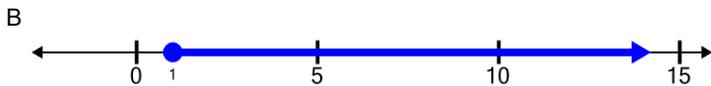$$\{Y \in \mathbb{R} | -10 \leq Y \leq 1\}$$

A

B

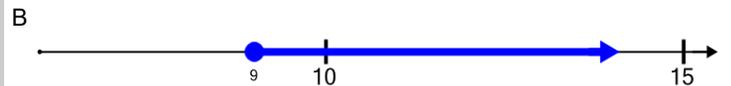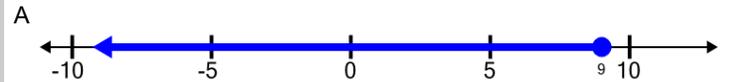**4** Which number line shows this range?

$$\{Y \in \mathbb{R} | -7 \leq Y < 6\}$$

A

B

5 Which number line shows this range? $\{Y \in \mathbb{R} | 1 \leq Y\}$
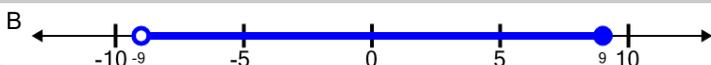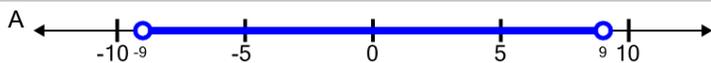
A

B

6 Which number line shows this domain? $\{X \in \mathbb{R} | X \leq 9\}$

A

B

7 Which number line shows this range?

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

A

B

8 Which number line shows this domain?

$$\{X \in \mathbb{R} | -5 < X < -2\}$$

A

B