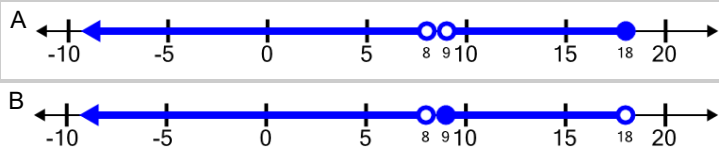


Function Domain/Range Definition - Inequality to Number Line (With Union)

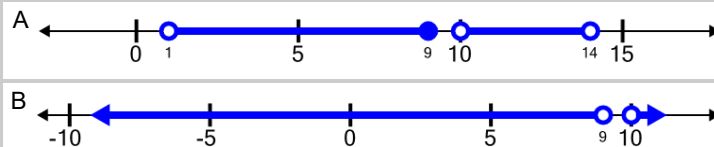
1 What number line shows this domain?

$$X < 8 \text{ or } 9 < X \leq 18$$



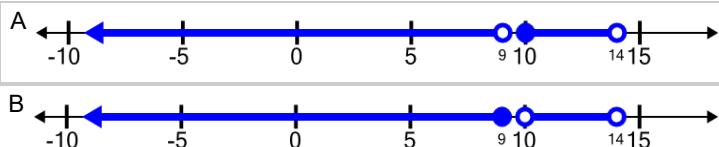
2 What number line shows this range?

$$1 < Y \leq 9 \text{ or } 10 < Y < 14$$



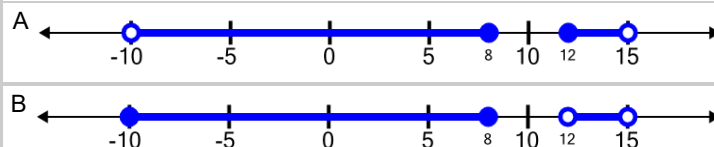
3 What number line shows this domain?

$$X \leq 9 \text{ or } 10 < X < 14$$



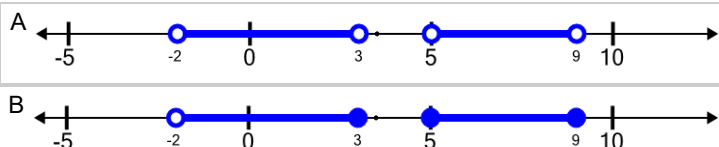
4 What number line shows this range?

$$-10 < Y \leq 8 \text{ or } 12 \leq Y < 15$$

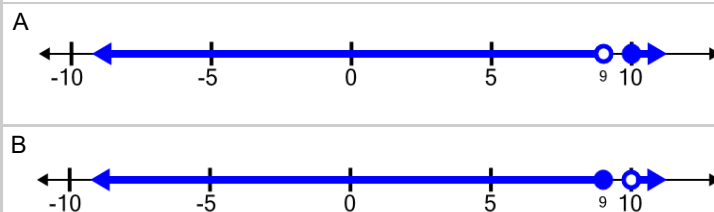


5 What number line shows this range?

$$-2 < Y \leq 3 \text{ or } 5 \leq Y \leq 9$$

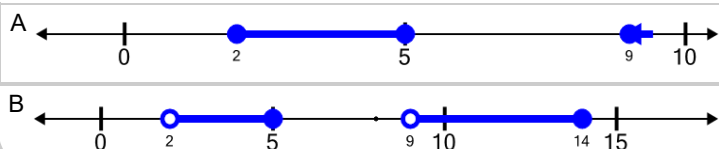


6 What number line shows this domain? $X < 9 \text{ or } 10 \leq X$



7 What number line shows this domain?

$$2 \leq X \leq 5 \text{ or } 9 \leq X$$



8 What number line shows this range?

$$Y < 8 \text{ or } 11 \leq Y \leq 20$$

