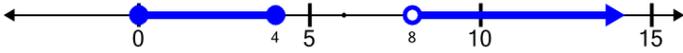


Function Domain/Range Definition - Number Line to Inequality (With Union)

1 What inequality describes the domain on this number line?



A $0 < X < 4$ or $8 < X$

B $0 \leq X \leq 4$ or $8 < X$

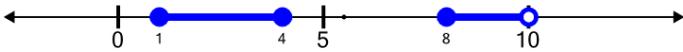
2 What inequality describes the domain on this number line?



A $X < 7$ or $10 \leq X < 10$

B $-7 < X < 7$ or $-10 \leq X \leq 10$

3 What inequality describes the range on this number line?



A $1 \leq Y \leq 4$ or $8 \leq Y < 10$

B $1 < Y < 4$ or $8 < Y \leq 10$

4 What inequality describes the range on this number line?



A $Y \leq 6$ or $8 \leq Y < 10$

B $Y < 6$ or $8 \leq Y$

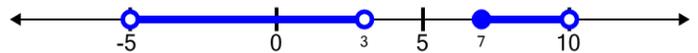
5 What inequality describes the domain on this number line?



A $-7 < X < 7$ or $7 < X \leq 10$

B $X \leq 7$ or $7 < X$

6 What inequality describes the domain on this number line?



A $-5 < X < 3$ or $7 \leq X < 10$

B $-5 < X \leq 3$ or $7 \leq X \leq 10$

7 What inequality describes the domain on this number line?



A $X \leq 7$ or $-8 \leq X \leq 8$

B $X \leq 7$ or $8 \leq X$

8 What inequality describes the range on this number line?



A $-6 \leq Y \leq -1$ or $-1 < Y < 1$

B $-6 < Y < -1$ or $-1 < Y$