Name

1

All real numbers greater than -1 and less than or equal to 4 OR greater than or equal to 6

What set describes this range?

A
$\{Y \in \mathbb{R} | -1 < Y \le 4 \text{ or } 6 \le Y\}$

B
$\{Y \in \mathbb{R} | -1 < Y < 4 \text{ or } 6 < Y\}$

2

All integers greater than -5 and less than 5 OR greater than or equal to 6 and less than or equal to 12

What set describes this domain?

A
$\{X \in \mathbb{Z} | X < 5 \text{ or } 6 < X \le 12\}$

B
$\{X \in \mathbb{Z} | -5 < X < 5 \text{ or } 6 \le X \le 12\}$

3

All real numbers greater than 0 and less than or equal to 5 OR greater than or equal to 8 and less than 11

What set describes this range?

A
$\{Y \in \mathbb{R} | 0 < Y \le 5 \text{ or } 8 < Y < 11\}$

B
$\{Y \in \mathbb{R} | 0 < Y \le 5 \text{ or } 8 \le Y < 11\}$

4

All integers greater than or equal to 1 and less than or equal to 7 OR greater than or equal to 11

What set describes this range?

A
$\{Y \in \mathbb{Z} | 1 \le Y \le 7 \text{ or } 11 \le Y\}$

B
$\{Y \in \mathbb{Z} | 1 \le Y < 7 \text{ or } 11 \le Y \le 16\}$

5 What set describes this domain?

All integers less than 6 OR greater than 10

A

$\{X \in \mathbb{Z} | X < 6 \text{ or } 10 \le X\}$

B

$\{X \in \mathbb{Z} | X < 6 \text{ or } 10 < X\}$

6 What set describes this domain?

All real numbers less than or equal to 7 OR greater than 10

A

$\{X \in \mathbb{R} | X \le 7 \text{ or } 10 \le X\}$

B

$\{X \in \mathbb{R} | X \le 7 \text{ or } 10 < X\}$

7

All real numbers less than 9 OR greater than or equal to 11 and less than 14

What set describes this range?

A
$\{Y \in \mathbb{R} | Y < 9 \text{ or } 11 \le Y < 14\}$

B
$\{Y \in \mathbb{R} | Y \le 9 \text{ or } 11 \le Y \le 14\}$

8

All integers greater than or equal to -5 and less than or equal to 7 OR greater than 11

What set describes this domain?

A
$\{X \in \mathbb{Z} | -5 \le X \le 7 \text{ or } 11 < X\}$

B
$\{X \in \mathbb{Z} | X \le 7 \text{ or } 11 \le X\}$