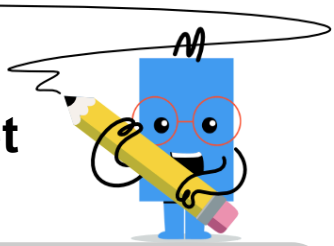
Name

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



1 What domain does this inequality describe?

$$\{X \in \mathbb{Z} | X < -5\}$$

A: All integers less than -5

B: All integers

2 What domain does this inequality describe? $\{X \in \mathbb{R} | 1 \leq X\}$

A: All real numbers greater than 1

B: All real numbers greater than or equal to 1

3 What domain does this inequality describe? $\{X \in \mathbb{R} | X \leq 3\}$

A: All real numbers less than or equal to 3

B: All real numbers less than 3

4 What range does this inequality describe? $\{Y \in \mathbb{R} | 0 \leq Y\}$

A: All real numbers greater than 0

B: All real numbers greater than or equal to 0

5 What domain does this inequality describe? $\{X \in \mathbb{Z} | X \leq 8\}$

A: All integers less than or equal to 8

B: All integers less than 8

6 What domain does this inequality describe? $\{X \in \mathbb{R} | \}$

A: All real numbers

B: All real numbers greater than or equal to -4

7 What range does this inequality describe? $\{Y \in \mathbb{Z} | 1 < Y\}$

A: All integers greater than 1

B: All integers greater than or equal to 1

8 What range does this inequality describe? $\{Y \in \mathbb{Z} | \}$

A: All integers

B: All integers less than or equal to 3