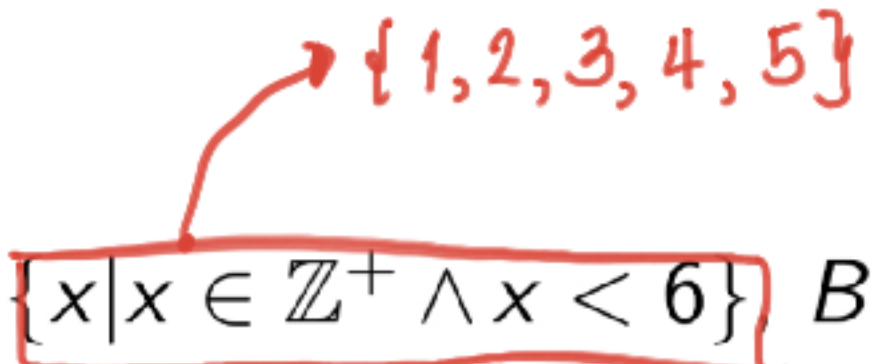




Sets Exercises

Exercise 4

Let $A = \{x \mid x \in \mathbb{Z}^+ \wedge x < 6\}$ $B = \{0, 3, 6\}$. Answer the following:



1 $A \cup B = \{0, 1, 2, 3, 4, 5, 6\}$

2 $A - B = \{1, 2, 4, 5\}$

3 $A \cap B = \{3\}$

4 $B - A = \{0, 6\}$

5 $\bar{A} = \{x \mid x \in \mathbb{Z} \wedge (x < 1 \vee x > 5)\}$