

1. Consider the sets

$$A = \{2, 3, 5, 7, 11\}$$

$$B = \{1, 3, 5, 9\}$$

Find i) $A - B$

ii) $B - A$

Ans) i) $A - B = \{2, 7, 11\}$

ii) $B - A = \{1, 9\}$

2. Verify using Venn diagram.

$$(A \cup B)' = A' \cap B'$$

Ans)

