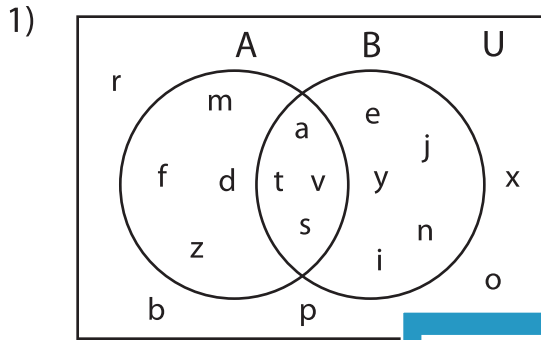


## Venn Diagram

L355

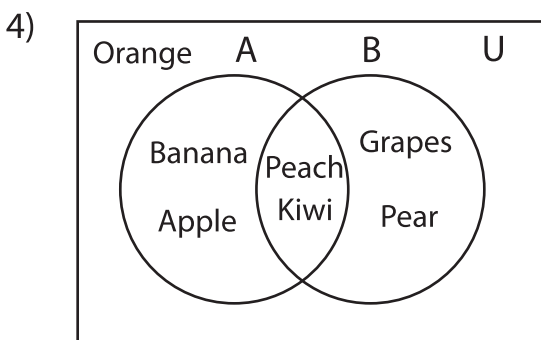
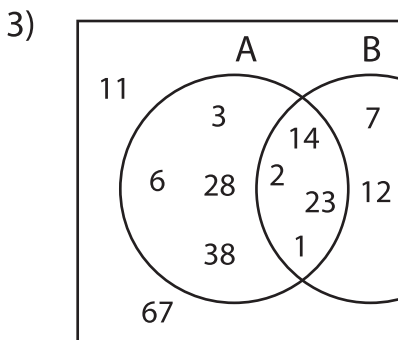
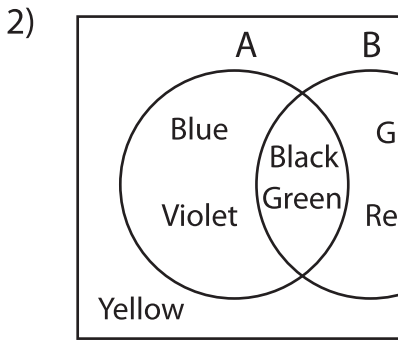
Perform the below mention boolean algebraic operation for the given set of elements.



i)  $A' - (A' - B) =$  \_\_\_\_\_

ii)  $(A - B)' \cup (A' \cup B)' =$  \_\_\_\_\_

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



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

ii)  $(A - B)' - (A' \cap B') =$  \_\_\_\_\_

iii)  $(A \cup B) - B =$  \_\_\_\_\_

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