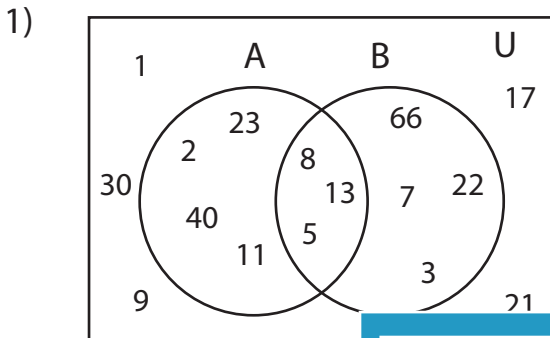


Venn Diagram

L2S1

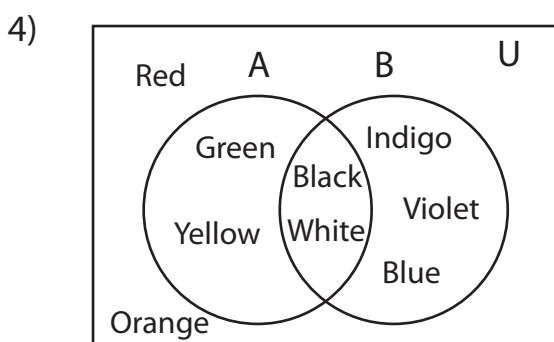
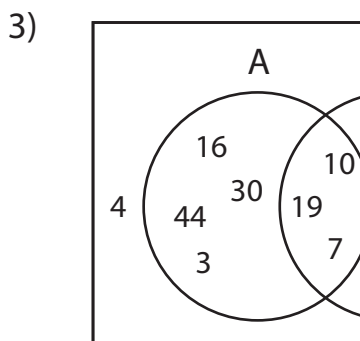
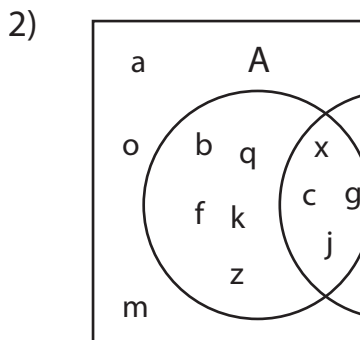
Perform the below mention boolean algebraic operation for the given set of elements.



i) $A =$ _____

ii) $A' \cup B =$ _____

iii) $(B' - A)' =$ _____



i) $A' \cap B' =$ _____

ii) $B - A =$ _____

iii) $A - B' =$ _____

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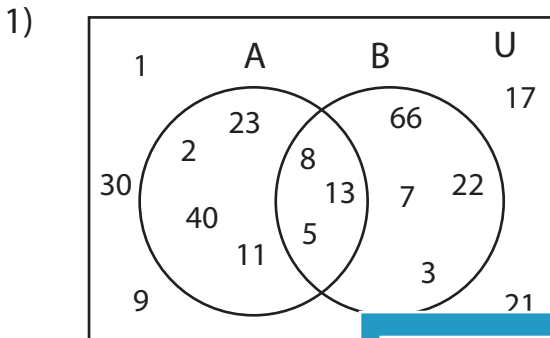
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Answer key

Venn Diagram

L2S1

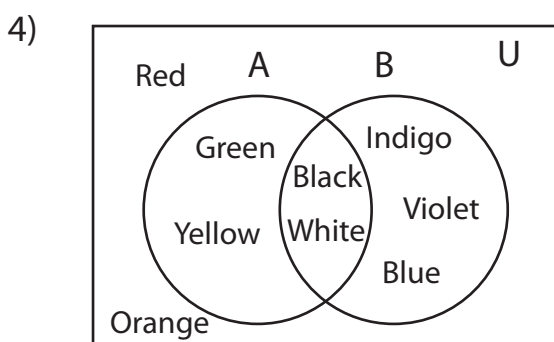
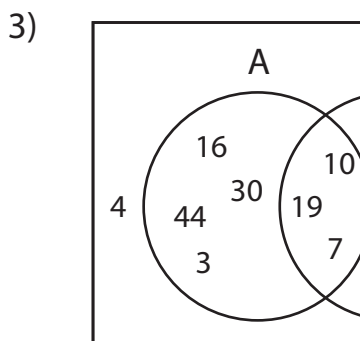
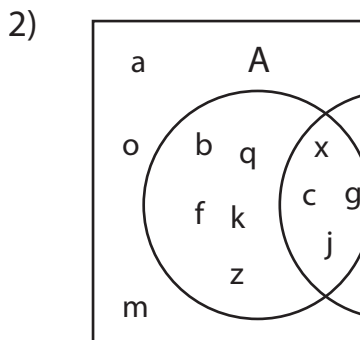
Perform the below mention boolean algebraic operation for the given set of elements.



i) $A = \underline{\{2, 5, 8, 11, 13, 23, 40\}}$

ii) $A' \cup B = \underline{\{1, 3, 5, 7, 8, 9, 13, 17, 21, 22, 30, 66\}}$

iii) $(B' - A)' = \underline{\{2, 3, 5, 7, 8, 11, 13, 22, 23, 40, 66\}}$



i) $A' \cap B' = \underline{\{Red, Orange\}}$

ii) $B - A = \underline{\{Indigo, Violet, Blue\}}$

iii) $A - B' = \underline{\{Black, White\}}$

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{i, k, m, n, o, p, q, w, z}

{i, j, k, m, o, q, x, z}

{16, 20, 30, 44, 50, 75}

{30, 44, 75}