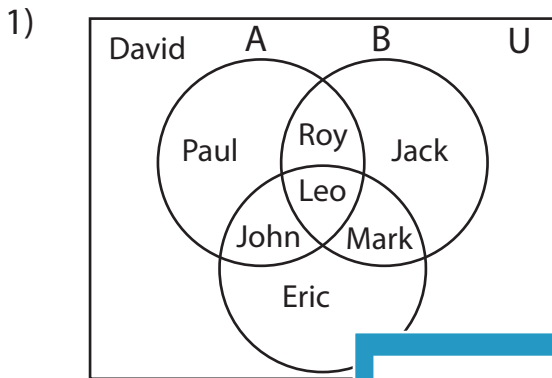


**Venn Diagram**

L2S2

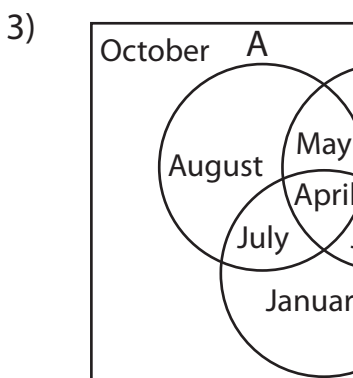
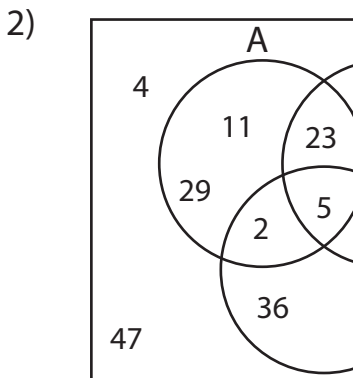
Perform the below mention boolean algebraic operation for the given set of elements.



i)  $A' - C'$  = \_\_\_\_\_

ii)  $(C - A)'$  = \_\_\_\_\_

iii)  $C - B'$  = \_\_\_\_\_



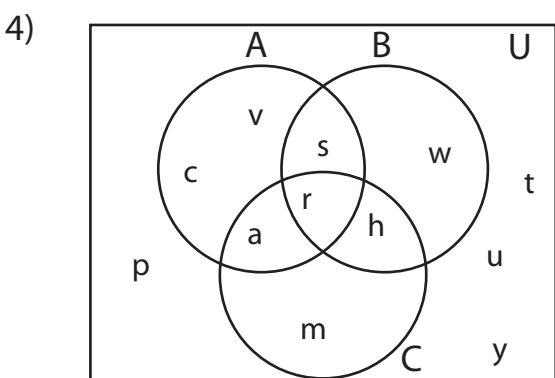
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i)  $A - B$  = \_\_\_\_\_

ii)  $B' - C'$  = \_\_\_\_\_

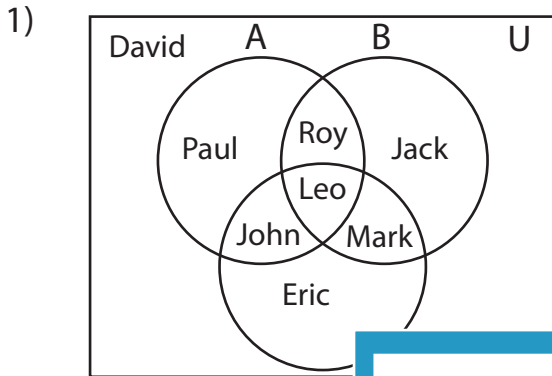
iii)  $(A \cap C)'$  = \_\_\_\_\_

**Answer key**

**Venn Diagram**

L2S2

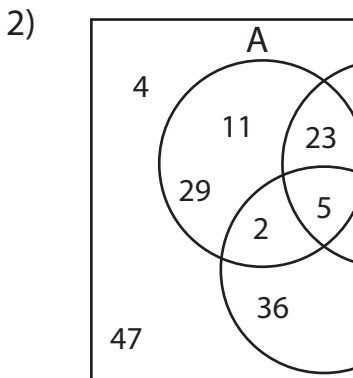
Perform the below mention boolean algebraic operation for the given set of elements.



i)  $A' - C'$  = {Eric, Mark}

ii)  $(C - A)'$  = {David, Eric, Jack, Mark, Paul, Roy}

iii)  $C - B'$  = {Leo, Mark}



{3, 36}

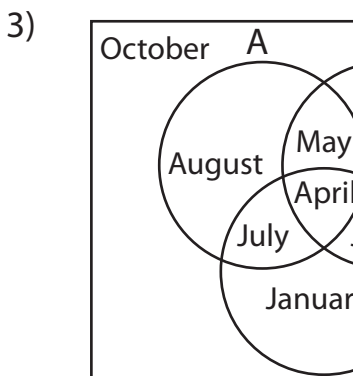
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{19, 36, 47}

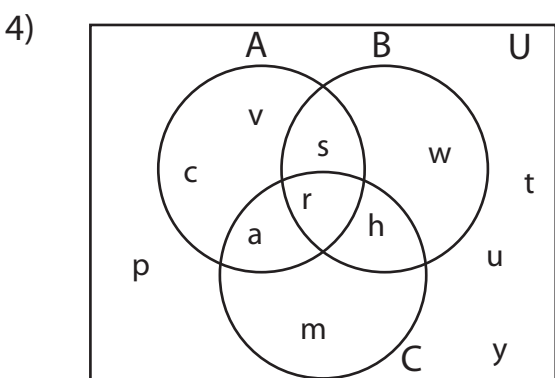
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{April, May, June, October}



i)  $A - B$  = {a, c, v}

ii)  $B' - C'$  = {a, m}

iii)  $(A \cap C)'$  = {c, h, m, p, s, t, u, v, w, y}