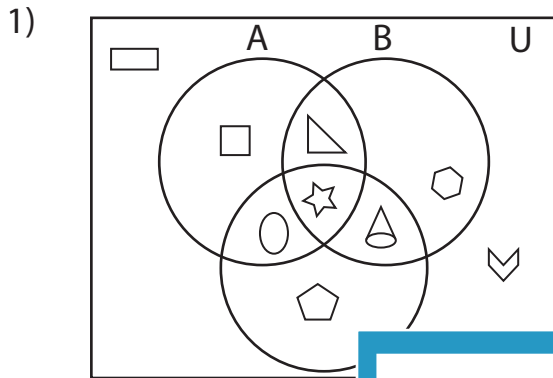


**Venn Diagram**

L2S1

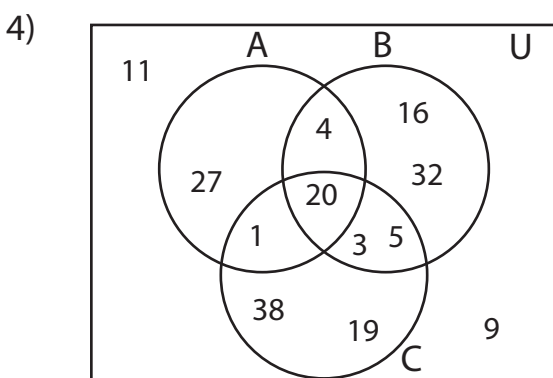
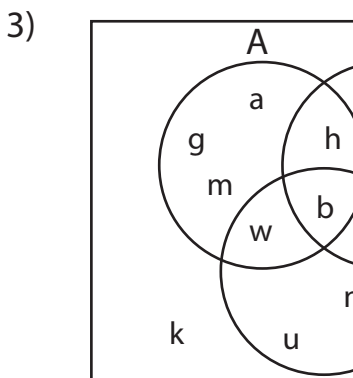
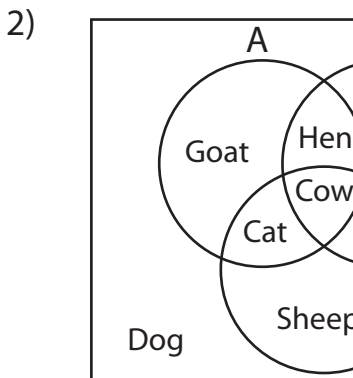
Perform the below mention boolean algebraic operation for the given set of elements.



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

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

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



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

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

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

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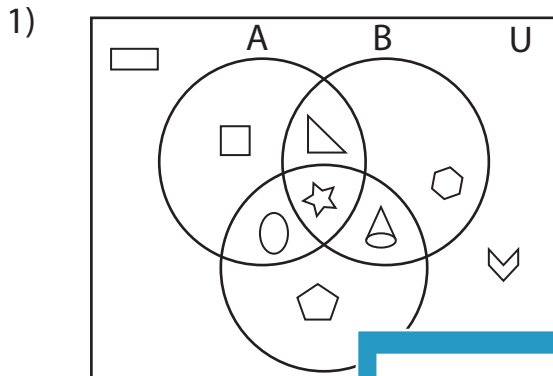
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**Answer key**

**Venn Diagram**

L2S1

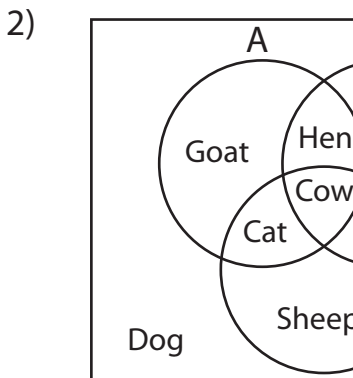
Perform the below mention boolean algebraic operation for the given set of elements.



i)  $C' - A = \{\square, \nabla, \circ\}$

ii)  $A' \cup B' = \{\square, \nabla, \circ, \square, \circ, \triangle, \text{pentagon}\}$

iii)  $A - C' = \{\circ, \star\}$



**Goat, Hen, Sheep}**

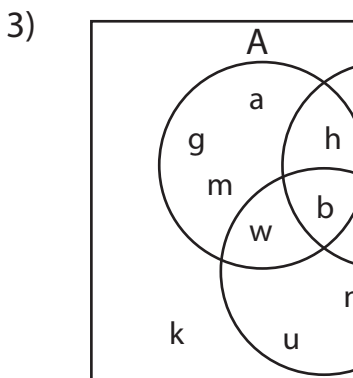
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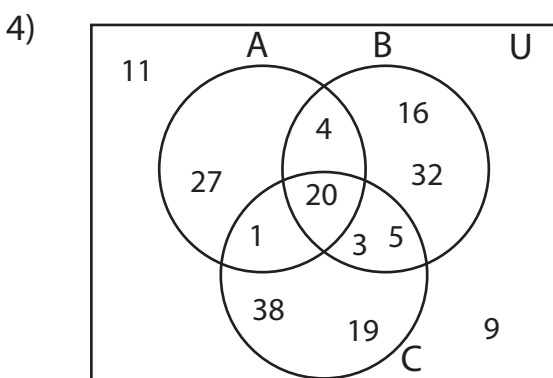
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**, n, u, w}**

**k, m, q, w}**



i)  $A' - C = \{9, 11, 16, 32\}$

ii)  $A - B' = \{4, 20\}$

iii)  $(A' \cap C') = \{1, 3, 4, 5, 19, 20, 27, 38\}$