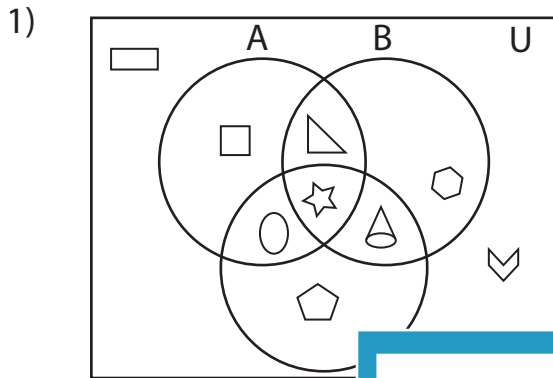


Venn Diagram

L2S1

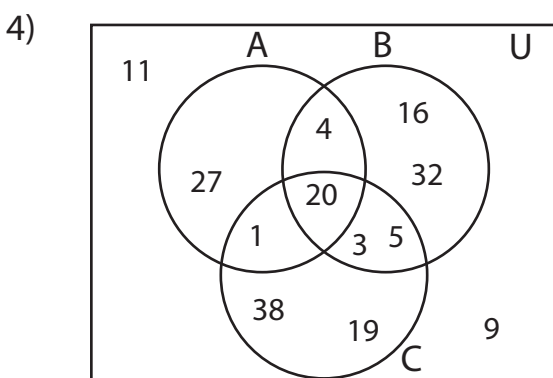
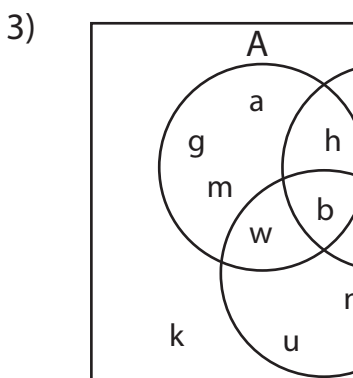
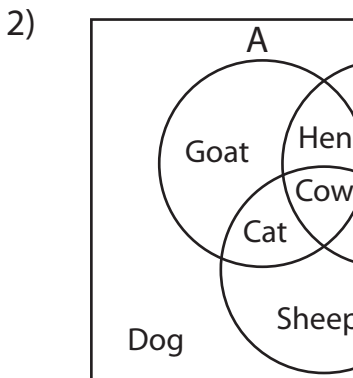
Perform the below mention boolean algebraic operation for the given set of elements.



i) $C' - A =$ _____

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

iii) $A - C' =$ _____



i) $A' - C =$ _____

ii) $A - B' =$ _____

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

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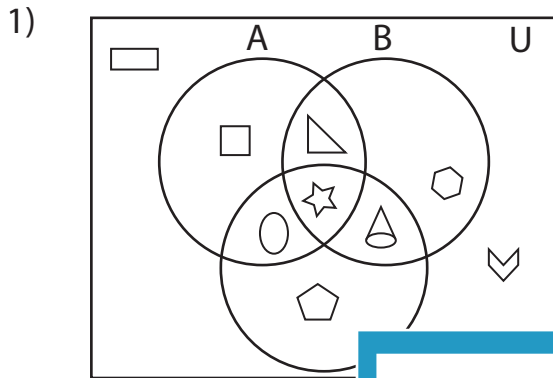
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Answer key

Venn Diagram

L2S1

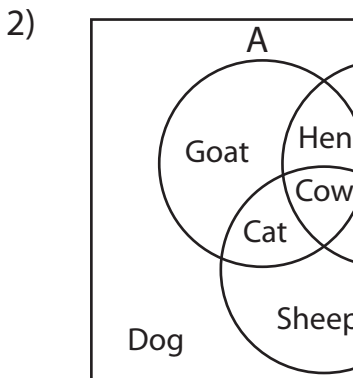
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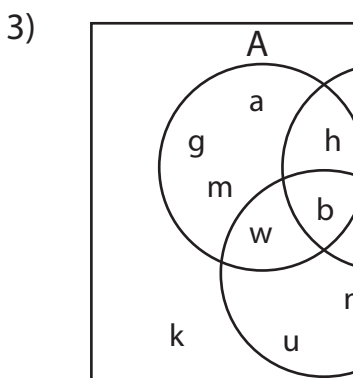
i) $C' - A = \{\square, \nabla, \circ\}$

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

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



Goat, Hen, Sheep}



, n, u, w}

k, m, q, w}

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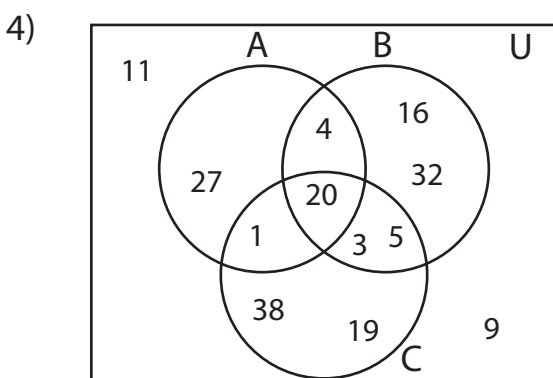
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i) $A' - C = \{9, 11, 16, 32\}$

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

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