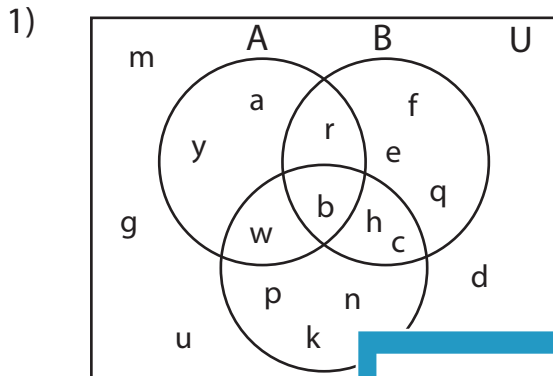


Venn Diagram

L1S2

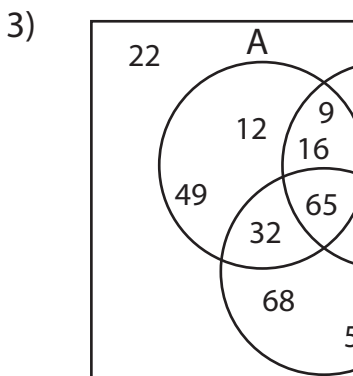
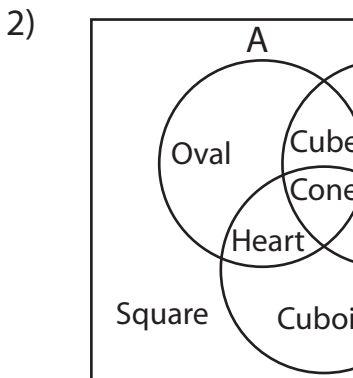
Perform the below mention boolean algebraic operation for the given set of elements.



i) $B' \cap C =$ _____

ii) $(A \cup C)' =$ _____

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



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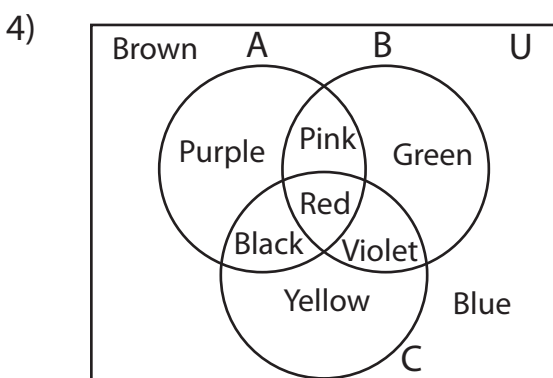
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i) $(A \cup B) ' =$ _____

ii) $C =$ _____

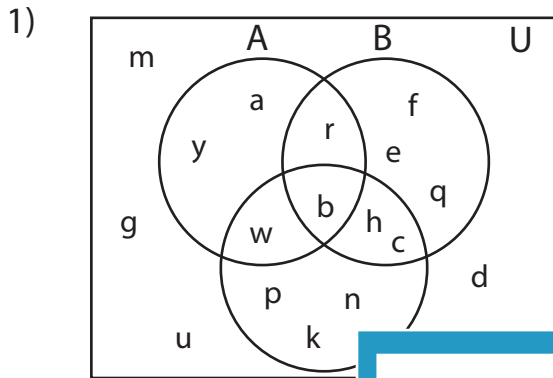
iii) $B \cap C ' =$ _____

Answer key

Venn Diagram

L1S2

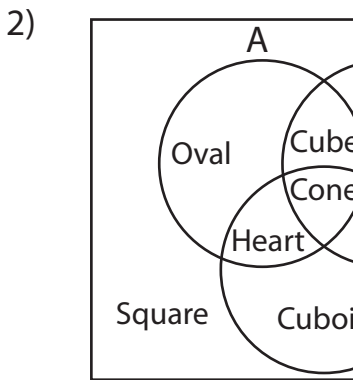
Perform the below mention boolean algebraic operation for the given set of elements.



i) $B' \cap C = \underline{\{k, n, p, w\}}$

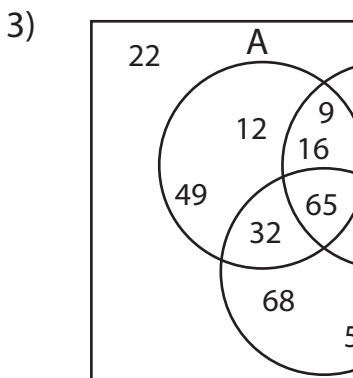
ii) $(A \cup C)' = \underline{\{d, e, f, g, m, q, u\}}$

iii) $A' \cup B' = \underline{\{a, c, d, e, f, g, h, k, m, n, p, q, u, w, y\}}$



$\underline{\{er, Square, Star\}}$

$\underline{\{boid, Heart, Oval, Square\}}$



$\underline{\{6\}}$

$\underline{\{2, 54, 65, 68, 96\}}$

$\underline{\{, 21, 22, 32, 49, 54, 68, 96\}}$

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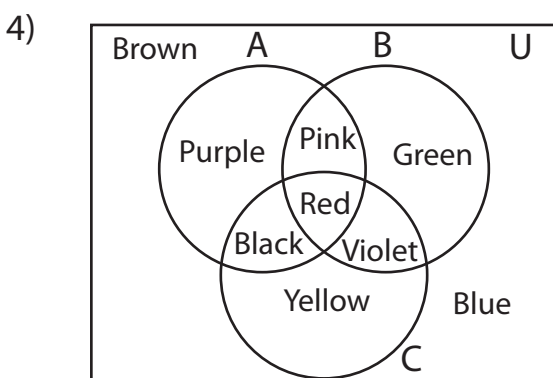
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i) $(A \cup B)' = \underline{\{Green, Violet\}}$

ii) $C = \underline{\{Black, Red, Violet, Yellow\}}$

iii) $B \cap C' = \underline{\{Green, Pink\}}$