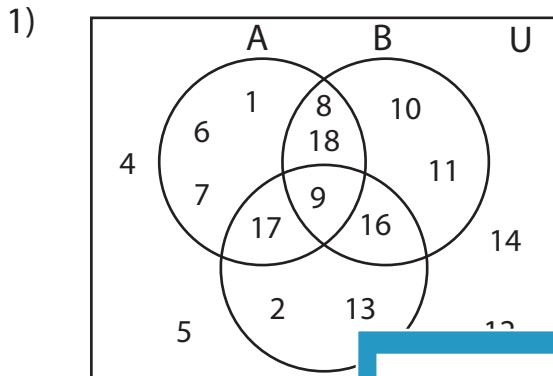


Venn Diagram

L1S4

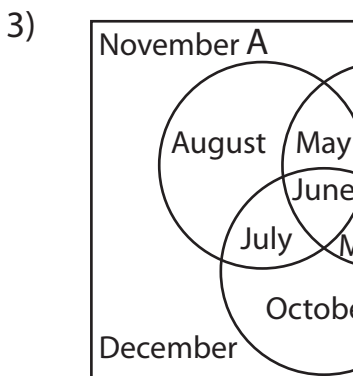
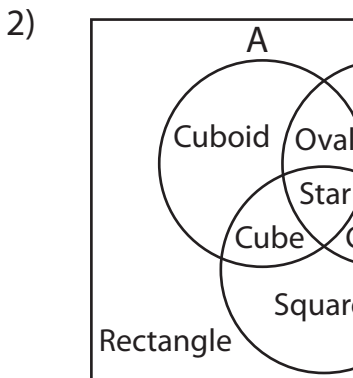
Perform the below mention boolean algebraic operation for the given set of elements.



i) $B' \cup C =$ _____

ii) $B' =$ _____

iii) $A \cup C =$ _____



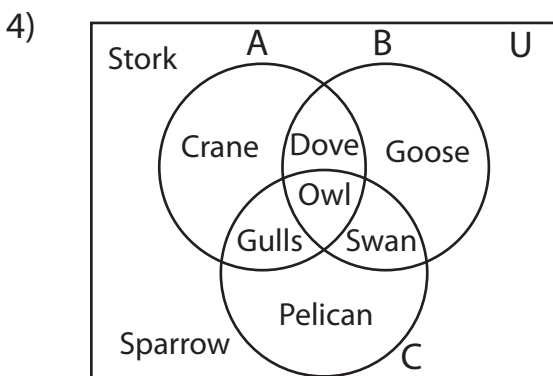
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i) $B \cap C =$ _____

ii) $A \cap B' =$ _____

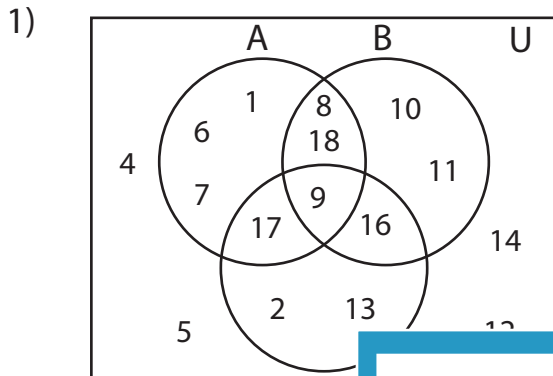
iii) $A =$ _____

Answer key

Venn Diagram

L1S4

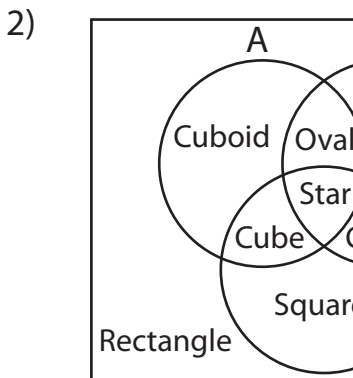
Perform the below mention boolean algebraic operation for the given set of elements.



i) $B' \cup C = \underline{\{1, 2, 4, 5, 6, 7, 9, 12, 13, 14, 16, 17\}}$

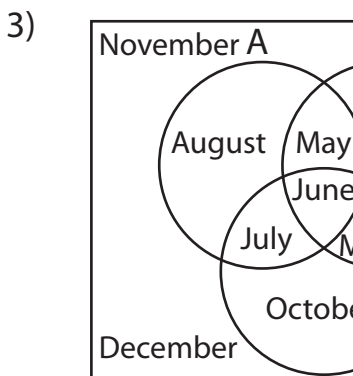
ii) $B' = \underline{\{1, 2, 4, 5, 6, 7, 12, 13, 14, 17\}}$

iii) $A \cup C = \underline{\{1, 2, 6, 7, 8, 9, 13, 16, 17, 18\}}$



$B' = \underline{\{Cylinder, Rectangle\}}$

$A \cap B = \underline{\{Cylinder, Rectangle, Oval\}}$



$A \cap B = \underline{\{November, December\}}$

$A \cup B = \underline{\{November, December, May, June, October, August, July, September\}}$

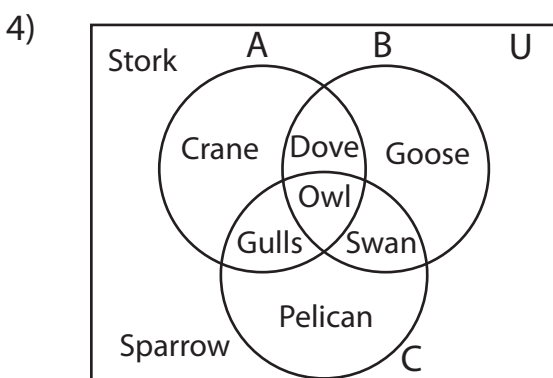
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i) $B \cap C = \underline{\{Owl, Swan\}}$

ii) $A \cap B' = \underline{\{Crane, Gulls\}}$

iii) $A = \underline{\{Crane, Dove, Gulls, Owl\}}$