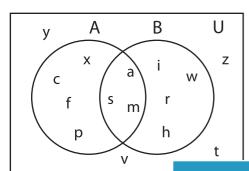
Venn Diagram

L3S3

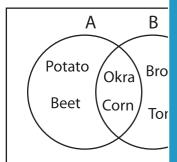
Perform the below mention boolean algebraic operation for the given set of elements.

1)



- i) (A′ ∩ B) ∩ (B U A′) = _____
- ii) $(A B) \cup (B A') =$
- iii) $(A \cup B) (B \cap A) =$

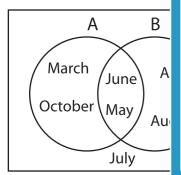
2)



PREVIEW

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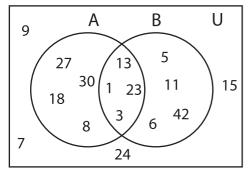
3)



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4)



- i) (B ∩ A)′ (A′ ∩ B′) = _____
- 15 ii) (B A') U (A' B) =
 - iii) $(A B')' \cap (A \cup A') =$