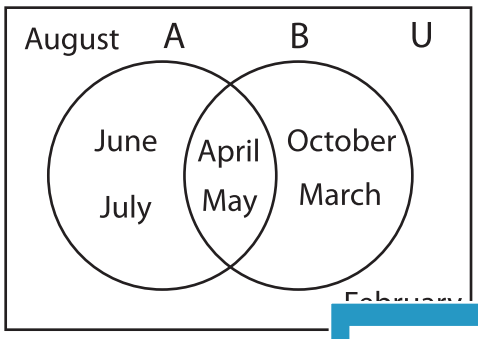
Name : _____ Score : _____

Venn Diagram

L3S4

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

1)

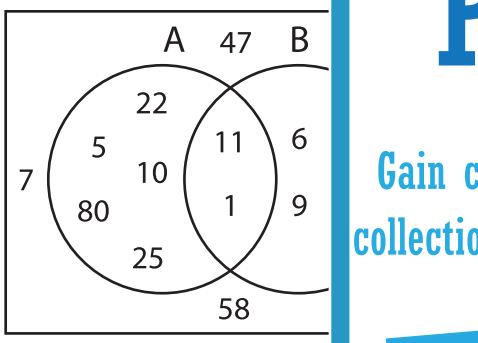


i) (B – A′) U (B – A) = _____

ii) (A U B′) – (A U B) = _____

iii) A U (A ∩ B) = _____

2)



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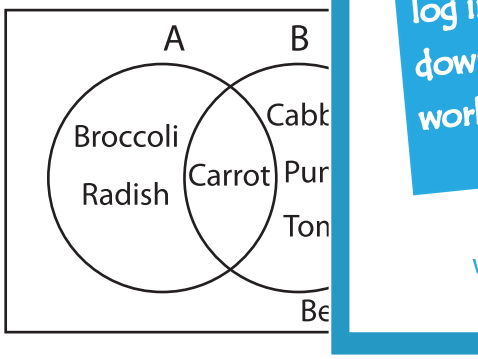
3)



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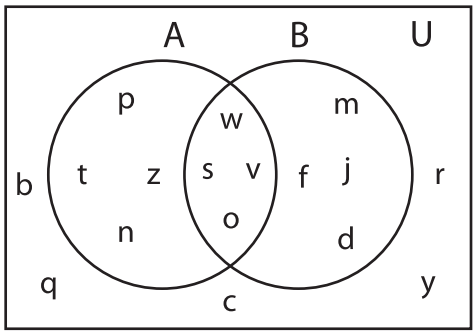
4)



i) (A′ U B) ∩ (A – B′) = _____

ii) A′ ∩ (A′ – B) = _____

iii) (A U B)′ U (A ∩ B)′ = _____

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