- SET
- Mathematical induction
- Relation
- Binary operations
- Show that- (P∩Q)X(R∩S) = (PXR)∩(QXS)
- prove that – (A∩B)X(C∩D) = (AXC)∩(BXD)
- Prove that- A∩(B∪C) = (A∩B) ∪ (A∩C)
- prove that- AX(B∩C) = (AXB) ∩ (AXC)
- Binary operations
- Group
- Algebraic structure
- Show that (…, -4, -3, -2, -1, 0, 1, 2, 3, 4,…} is group
- Show that a*b=b*a
- if a*c = c*a and b*c = c*b, then (a*b)*c = c*(a*b)

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