- SET
- Mathematical induction
- Relation
- Binary operations
- Show that- $(P \cap Q) X(R \cap S)=(P X R) \cap(Q X S)$
- prove that $-(A \cap B) X(C \cap D)=(A X C) \cap(B X D)$
- Prove that- $A \cap(B \cup C)=(A \cap B) \cup(A \cap C)$
- prove that- $A X(B \cap C)=(A X B) \cap(A X C)$
- Binary operations
- Group
- Algebraic structure
- Show that (..., $-4,-3,-2,-1,0,1,2,3,4, \ldots\}$ is group
- Show that $a * b=b * a$
- if $a^{*} c=c^{*} a$ and $b^{*} c=c^{*} b$, then $(a * b)^{*} c=c^{*}(a * b)$

A list of Video lectures

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