

- Language of Math : connectives, quantifiers, symbolic sentences, negation, truth tables .
- Proofs: direct proofs, proofs by contraposition and contradiction; implication (\Rightarrow) and double implication (iff, \Leftrightarrow) .
- Induction : .
- Sets and set operations..
- Functions: Domain, Codomain, Image, Composition, Inverse, Injections, Surjections .