① REVIEW

KEY TERMS

Proposition	Propositional variable	Truth value
Negation	Logical operators	
Compound proposition		Truth table
Disjunction	Conjunction	Exclusive or
Implication	Converse	Contrapositive
Inverse	Biconditional	Tautology
Contingency	Logically equivalent	Predicate
Propositional function	Domain of discourse	Existential quantifier
Universal quantifier	Free variable	Bound variable
Scope of a quantifier	Argument	Argument form
Premise	Conclusion	Valid argument form
Rule of inference	Fallacy	

RESULTS

- Logical equivalences

- De Morgan's Law

- De Morgan's Law for quantifiers

- Rules of inference for propositional logic

- Rules of inference for quantified statements