

INTRODUCTION TO MATHEMATICS
 IN CLASS ASSIGNMENT
 TRUTH TABLES
 HANDOUT § 2
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Truth Table for the Negation

K	$\neg K$
T	
F	

Truth Table for the Conjunction

B	M	$B \wedge M$
T	T	
T	F	
F	T	
F	F	

Truth Table for the Disjunction

R	S	$R \vee S$
T	T	
T	F	
F	T	
F	F	

Truth Table for the Conditional.

A	B	$A \Rightarrow B$
T	T	
T	F	
F	T	
F	F	

Truth Table for the Biconditional

P	Q	$P \Leftrightarrow Q$
T	T	
T	F	
F	T	
F	F	

Last revised 09-09-09