



8)

Simplification

A	T	F
$f_1(A)$	T	T
$f_2(A)$	T	F
$f_3(A)$	F	T
$f_4(A)$	F	F

$$f_1(A) = A + \bar{A}$$

$T + F$ is T
 $F + T$ is T

$f_2(A) = A$	T	F
$f_1(A) = A + \bar{A}$	T	T
$f_3(A) = \bar{A}$	F	T
$f_4(A) = A\bar{A}$	F	F

Logical

functions w/
1 input

T and F is T

	A, B	TT	TF	FT	FF
f_1	AB	T	F	F	F
f_2	$A\bar{B}$	F	T	F	F
f_3	$\bar{A}B$	F	F	T	F
f_4	$\bar{A}\bar{B}$	F	F	F	T

Logical

functions
w/ 2 input

9)

