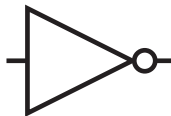

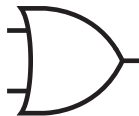
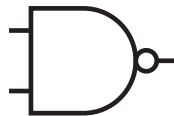
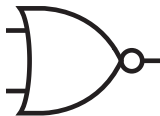

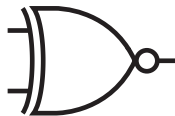
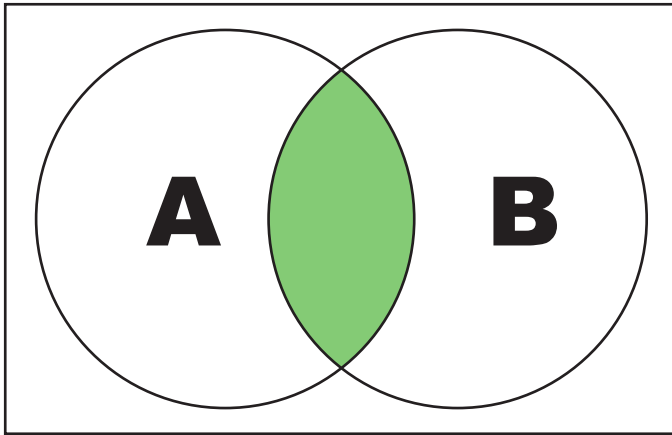
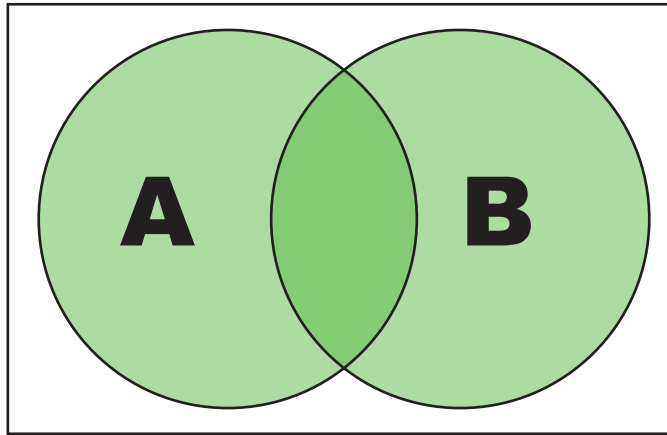


GATE NAME			NOT	AND	OR	NAND	NOR	XOR	XNOR
TRUTH TABLE	A	B	NOT A	A AND B	A OR B	A NAND B	A NOR B	A XOR B	A XNOR B
	0	0	1	0	0	1	1	0	1
	1	0	0	0	1	1	0	1	0
	0	1		0	1	1	0	1	0
	1	1		1	1	0	0	0	1
ALGEBRAIC EXPRESSIONS			$F = \overline{A}$	$F = A . B$	$F = A + B$	$F = \overline{A . B}$	$F = \overline{A + B}$	$F = A \oplus B$	$F = \overline{A \oplus B}$
GATE SYMBOL									
VENN DIAGRAM									

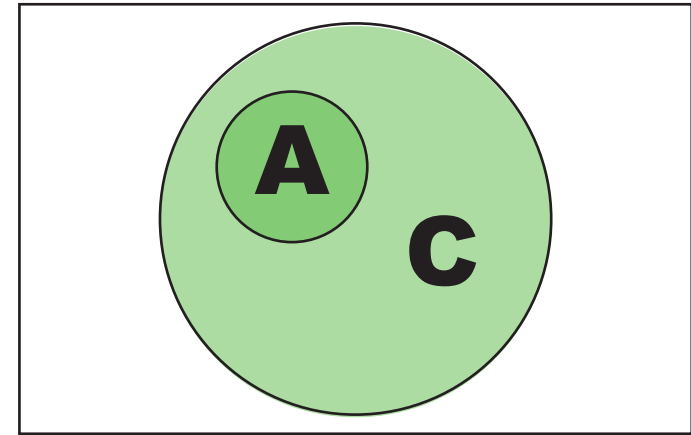
INTERSECTION A B



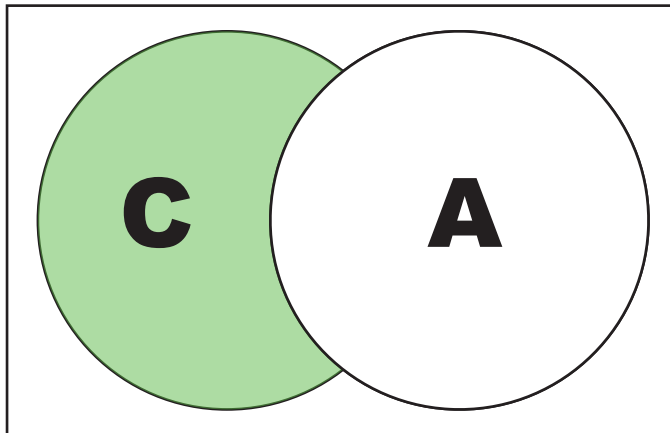
UNION A B



A SUBSET C



DIFFERENCE C-A



NOT B (\bar{B})

