

A	B	A nand B
0	0	1
0	1	1
1	0	1
1	1	0

A	B	A nor B
0	0	1
0	1	0
1	0	0
1	1	0

A	B	A xor B
0	0	0
0	1	1
1	0	1
1	1	0

Figure 2.4 The *nand*, *nor*, and *xor* functions that logic gates provide.