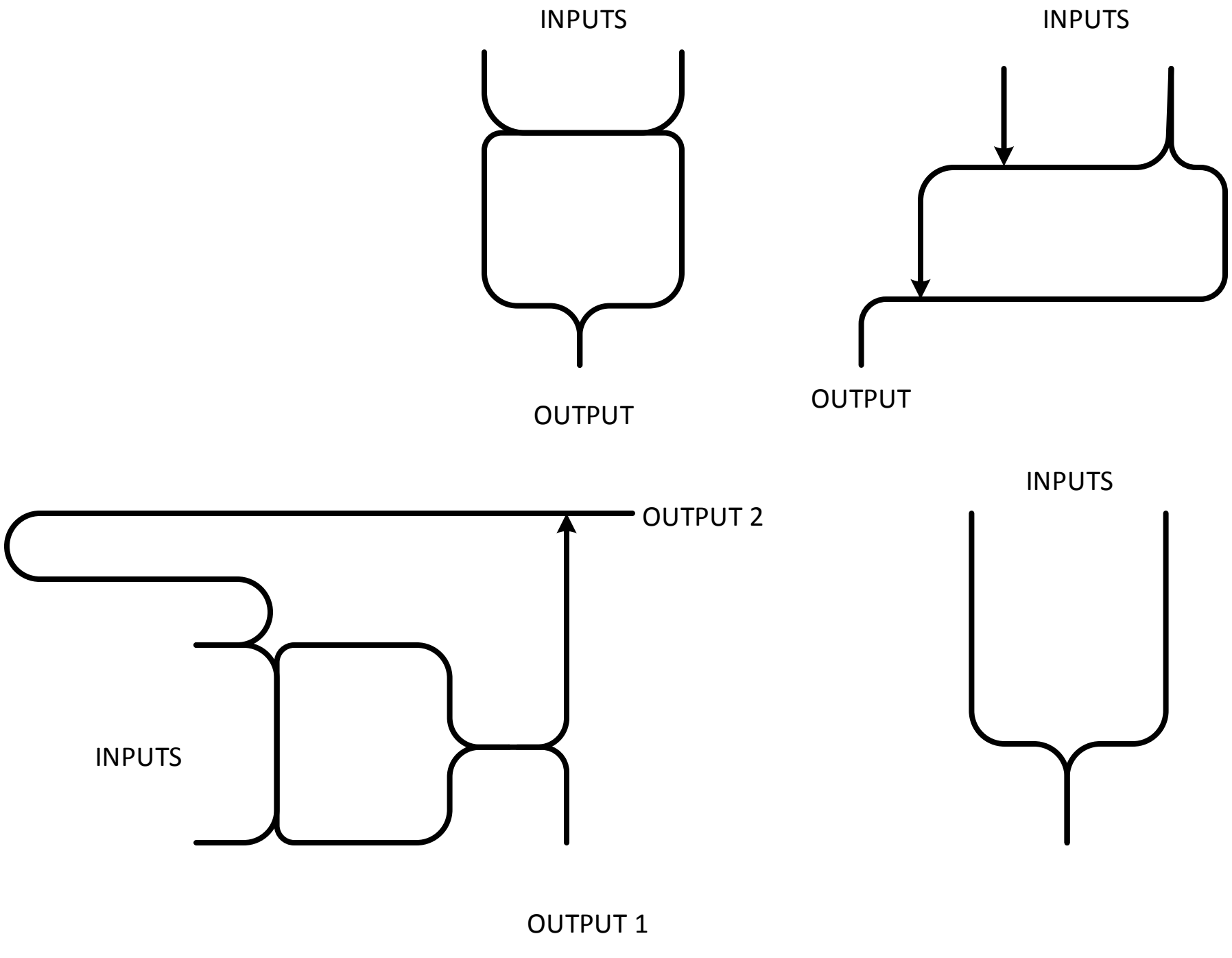
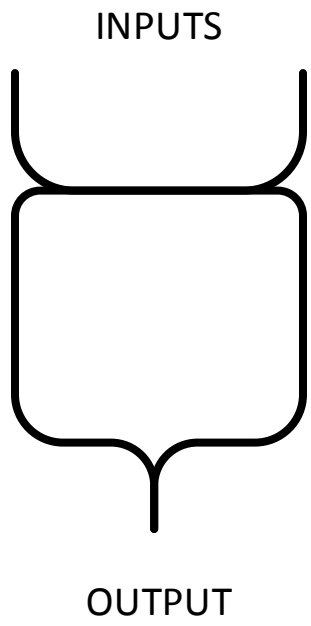
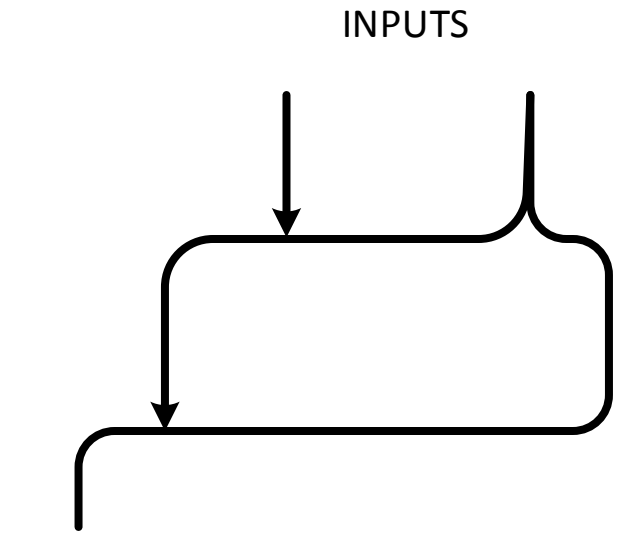
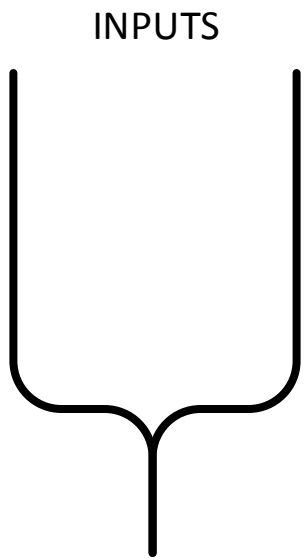
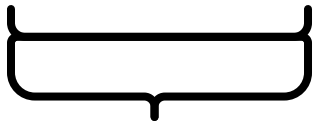
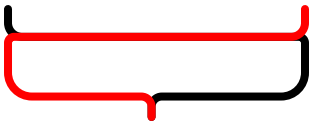
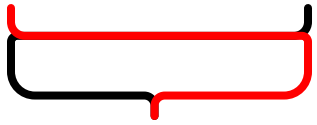
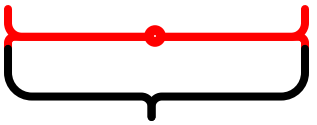
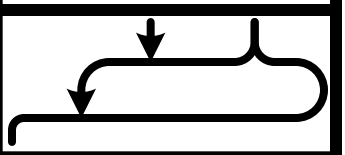
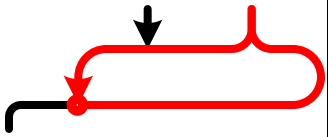
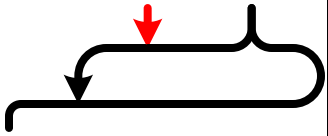
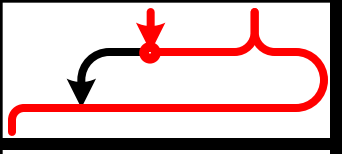
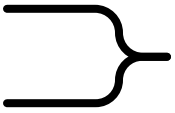
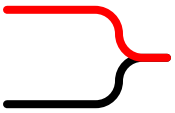
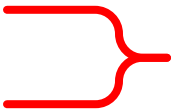
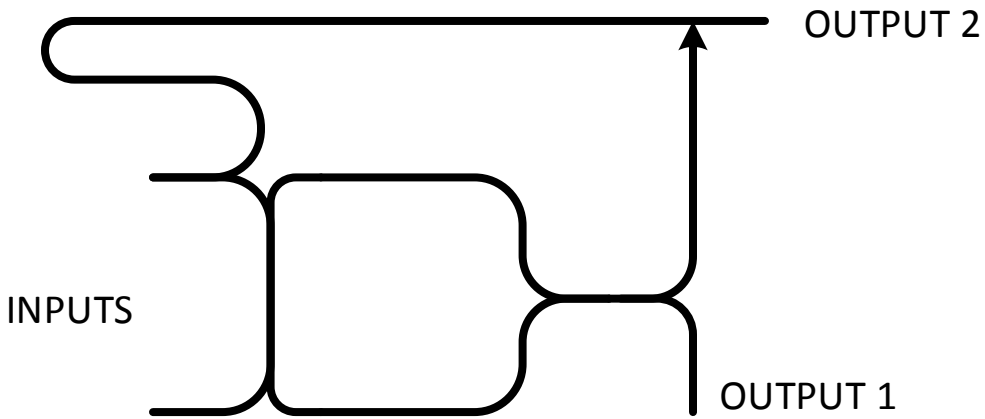

INPUTS
OUTPUT
INPUTS
OUTPUT
INPUTS
OUTPUT 2
INPUTS
OUTPUT 1

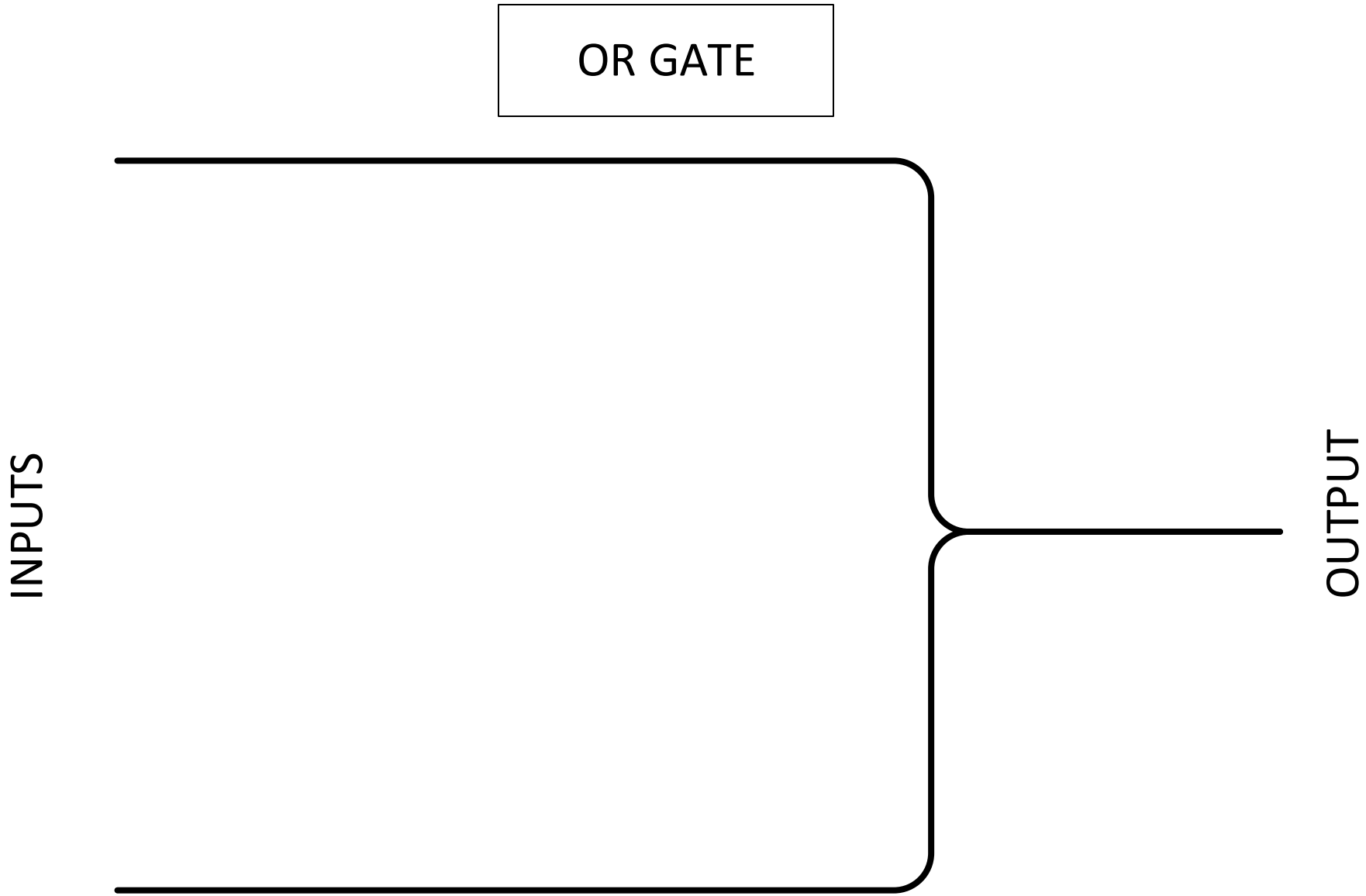
XOR	AND	OR
Exclusive OR (XOR) is true if the inputs are different and false if they're the same.	AND is true if the inputs are both true and false if either of them are false.	OR is true if any of the inputs are true.
		

Gate	In 1	In 2	Out	Path
XOR	0	0	0	
	1	0	1	
	0	1	1	
	1	1	0	
AND	0	0	0	
	1	0	0	
	0	1	0	
	1	1	1	
OR	0	0	0	
	1	0	1	
	0	1	1	
	1	1	1	

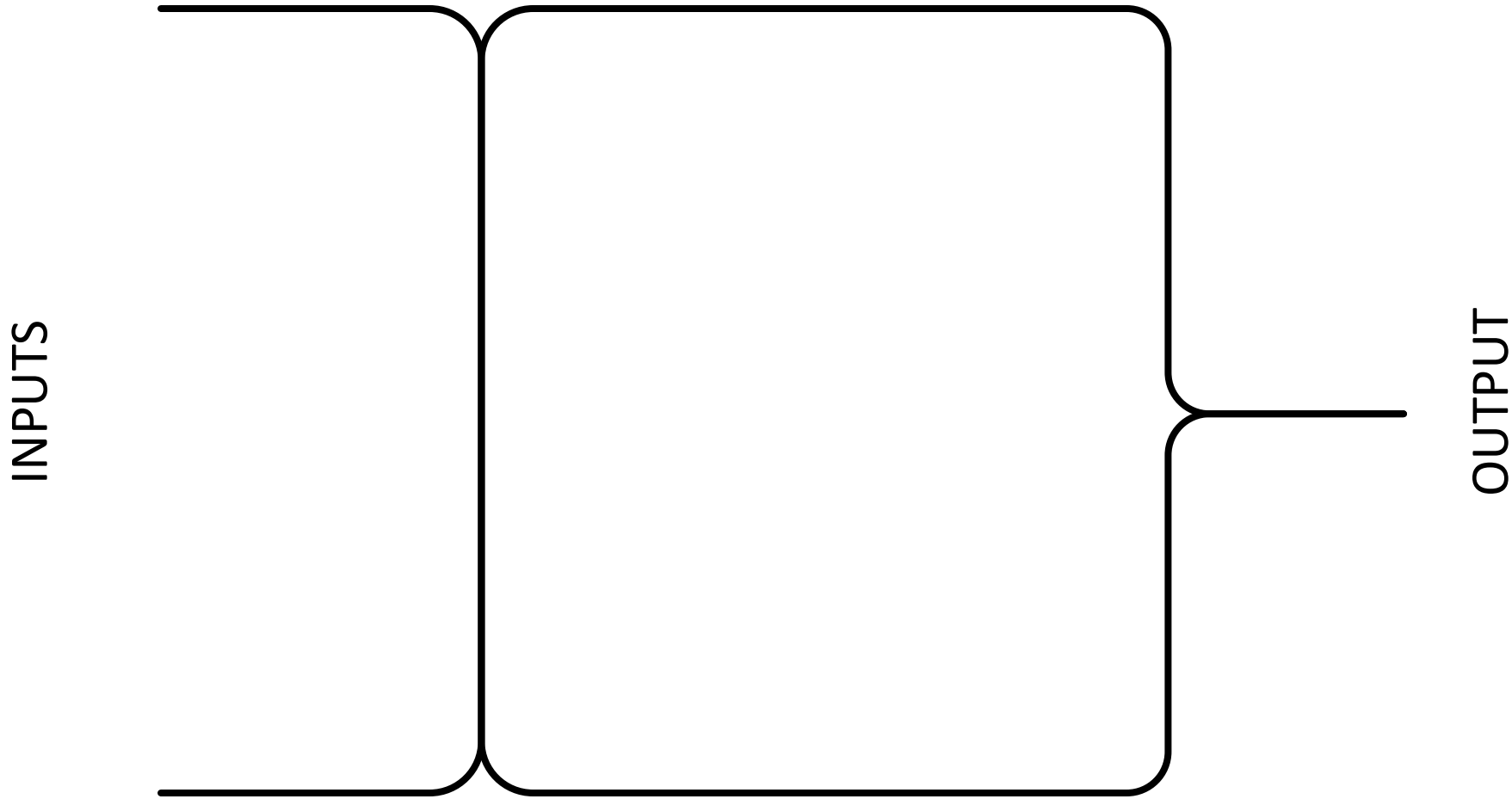
Half Adder

Takes two numbers. Output 1 is the sum of the numbers at the bit posiiton. Output two is the bit to carray to the next position

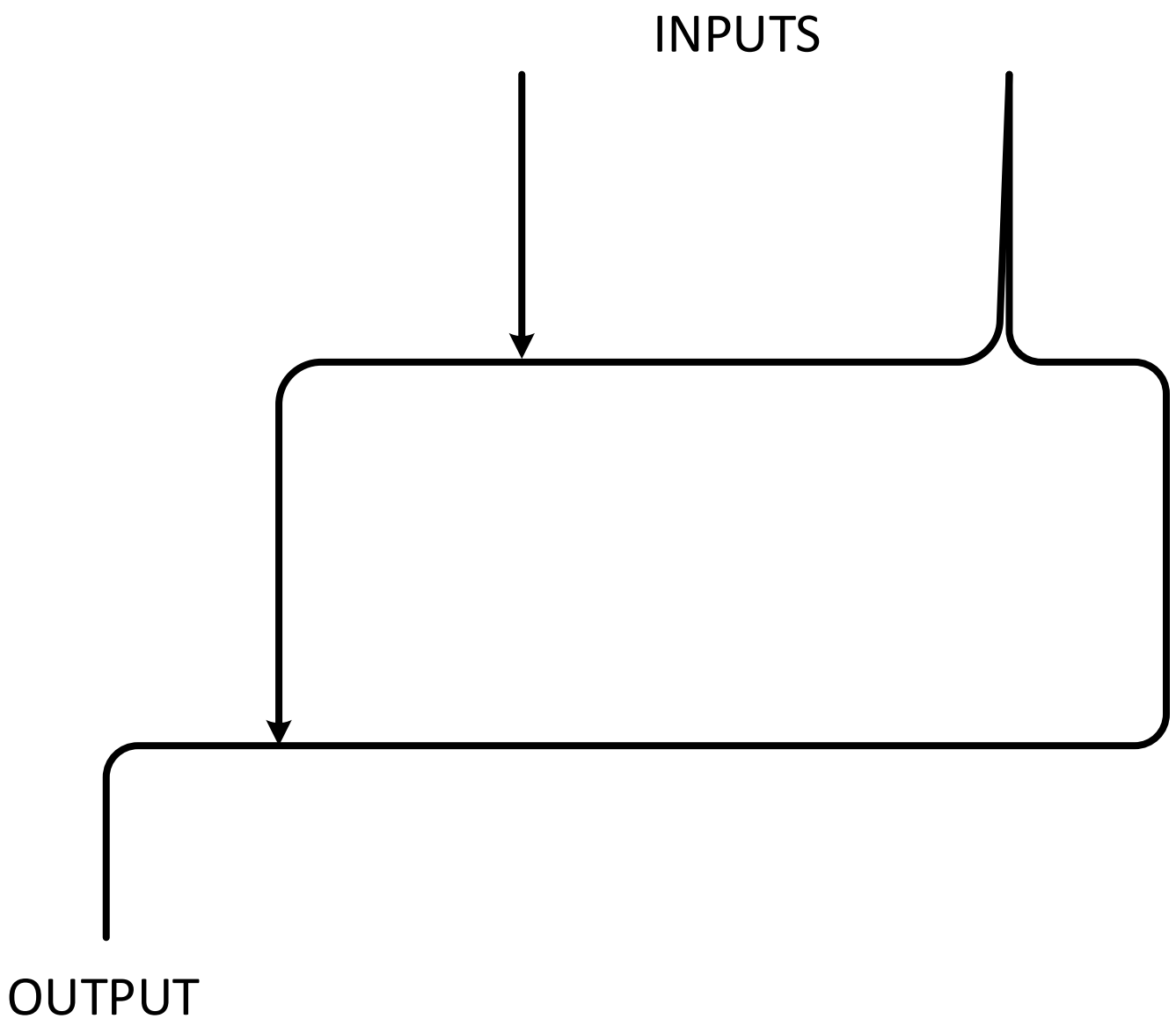



OR GATE
INPUTS
OUTPUT

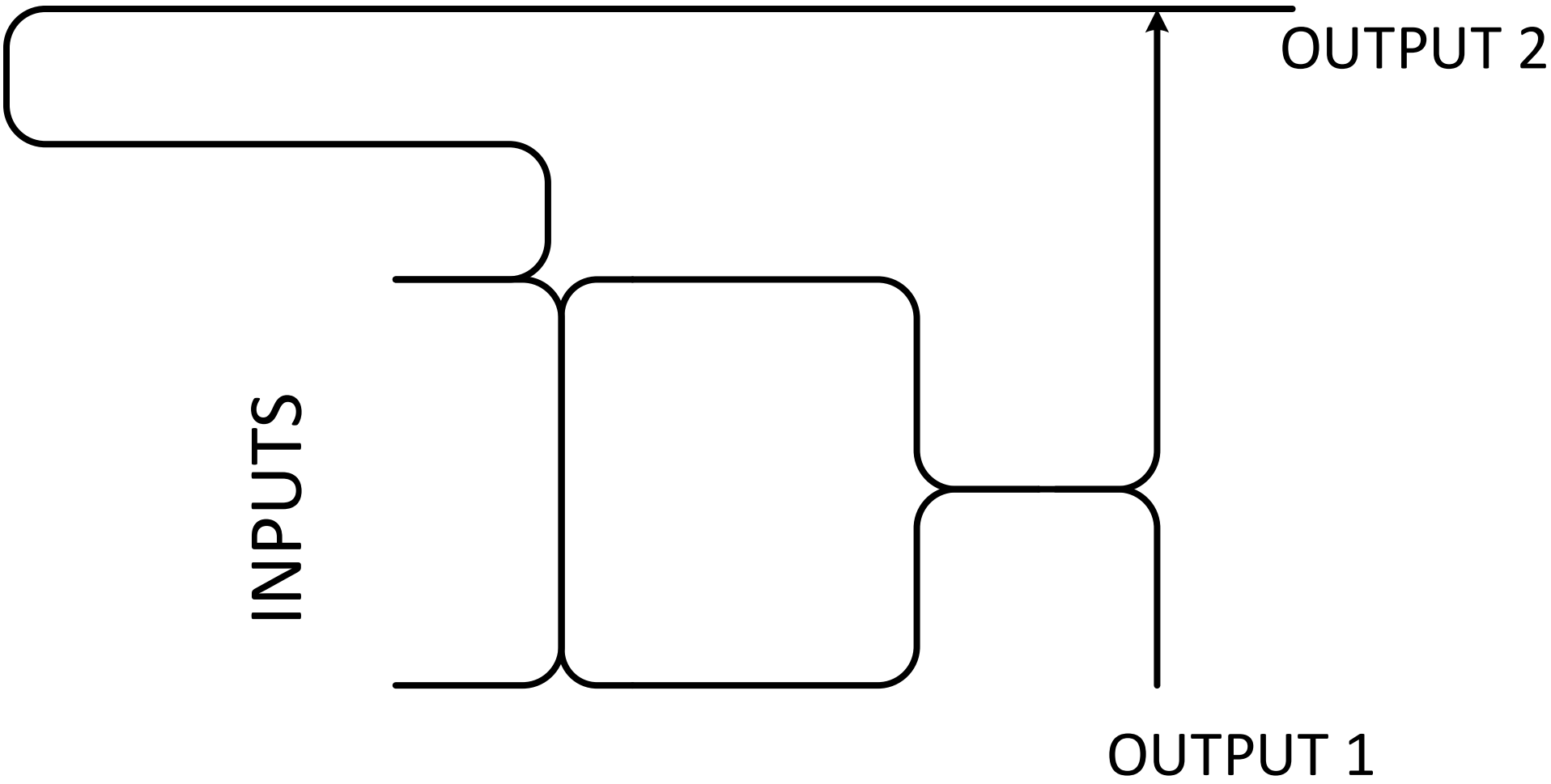
XOR GATE

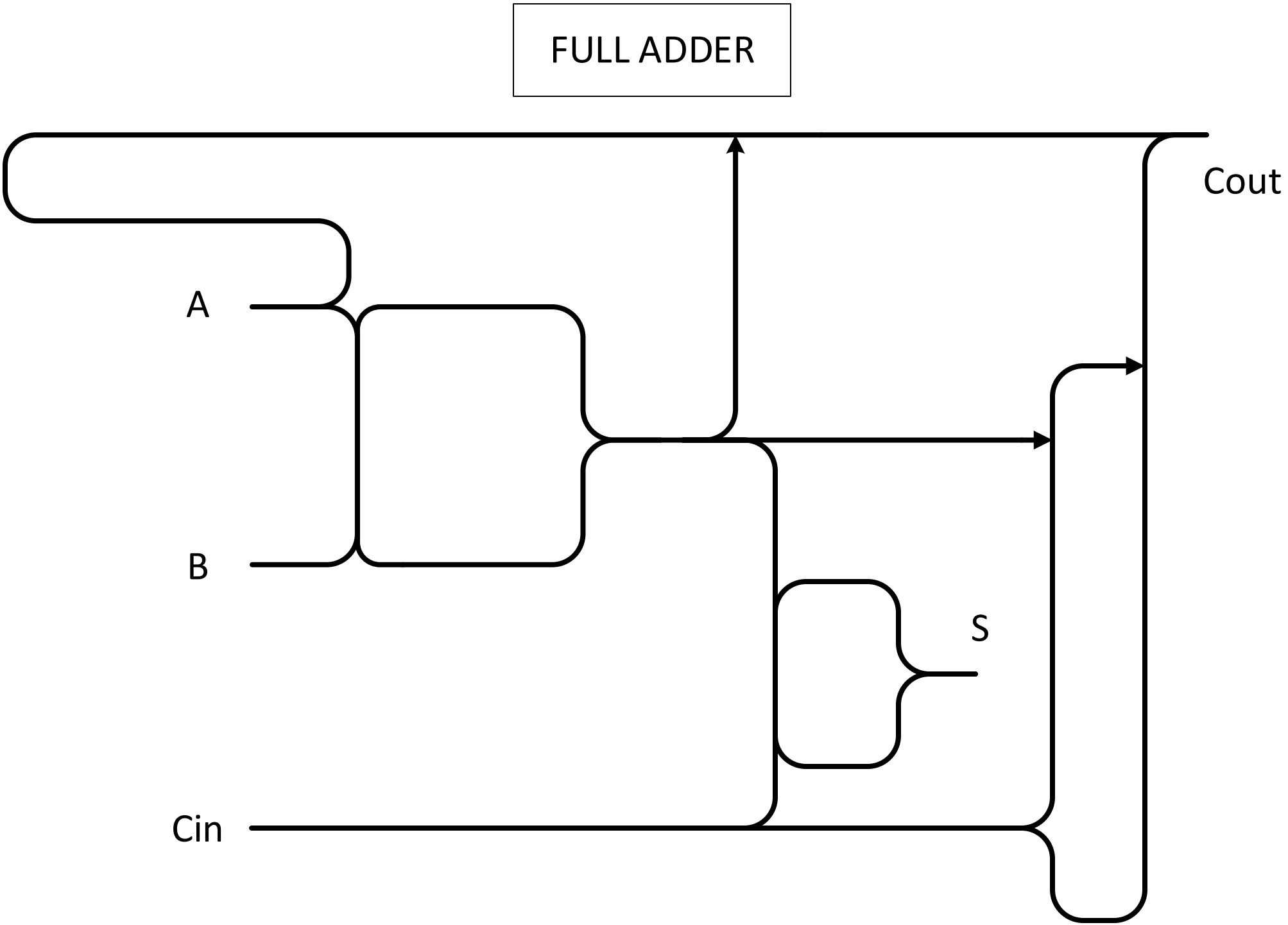


AND GATE



HALF ADDER




FULL ADDER
Cout
A
B
S
Cin