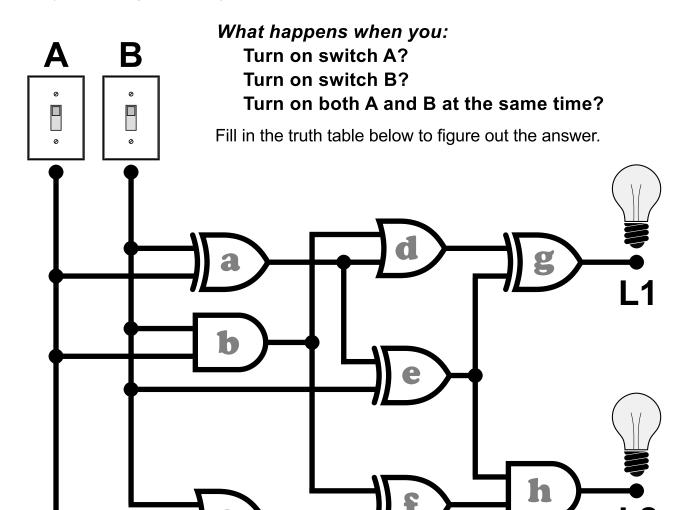
Lighten Up

You have two switches (A and B) and two lights (L1 and L2). Both switches are initially off (and both lights are off).



	Swit	ches	_	Logic gates								hts	
	A	В	a	b	C	d	e	£	g	h	L1	L2	
Both A & B off	0	0	0	0	0	0	0	0	0	0	0	0	Both lights off
Only B or	0	1	1	0	1	1	0	1	1	0	1	0	B turns on L1
Only A or	1	0	1	0	1	1	1	1	0	1	0	1	A turns on L2
Both A & B or	1	1	0	1	1	1	1	0	0	0	0	0	Both switches on = both lights off