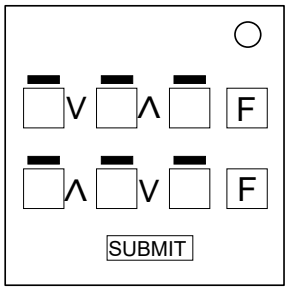
On the Subject of Logic



Logic is easy, but logic AND bomb defusal might not.

If a red light is above the letter, True becomes False, and vice versa.

Letter	Statement	Letter	Statement
A	Batt = Ind	N	> 2 Batt Hol
B	Letters > Num in SN	O	Lit and unlit ind
C	IND ind	P	Parallel port
D	FRK ind	Q	=2 ports
E	=1 unlit ind	R	PS/2 port
F	> 1 port type	S	Sum of SN # > 10
G	> 1 batt	T	MSA ind
H	< 2 batt	U	=1 batt hol
I	Odd SN	V	Vowel in SN
J	> 4 batt	W	0 ind
K	=1 lit ind	X	=1 ind
L	> 2 ind	Y	> 5 ports
M	Ports = unique	Z	< 2 ports

Gate	Statement	Gate	Statement
∧ (AND)	T∧T=T, T∧F=F, F∧T=F, F∧F=F	↓ (NOR)	T↓T=F, T↓F=F, F↓T=F, F↓F=T
∨ (OR)	T∨T=T, T∨F=T, F∨T=T, F∨F=F	↔ (XNOR)	T↔T=T, T↔F=F, F↔T=F, F↔F=T
⊻ (XOR)	T⊻T=F, T⊻F=T, F⊻T=T, F⊻F=F	→	T→T=T, T→F=F, F→T=T, F→F=T
| (NAND)	T|T=F, T|F=T, F|T=T, F|F=T	←	T←T=T, T←F=T, F←T=F, F←F=T