

Circuit Demonstration Page

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Instructor Initials

Pushbutton "Or Gate"

BJJ

Transistor Not gate

BJJ

Transistor Nor gate

BJJ

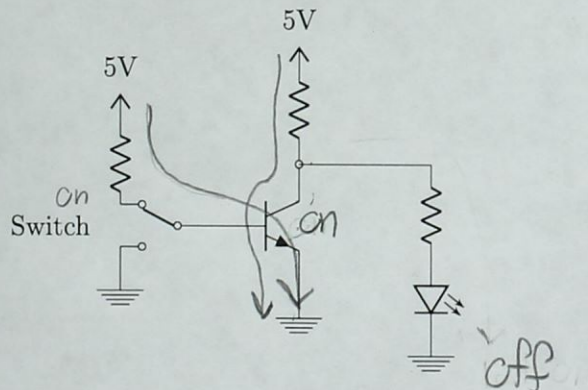
Transistor unknown gate

BJJ

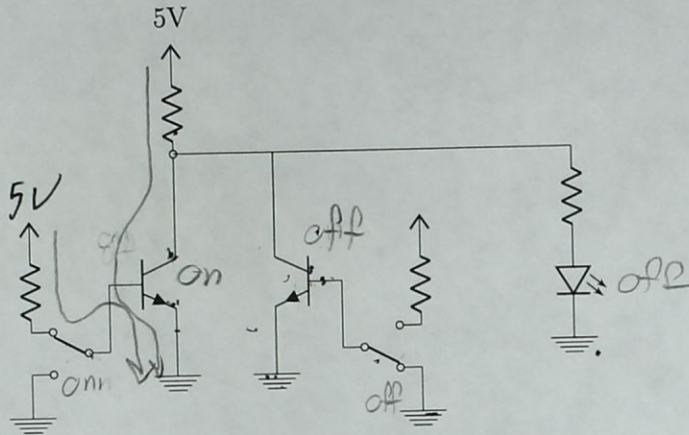
Diagrams

On each of the circuits below, draw the current paths and note whether each switch, transistor, and LED is ON or OFF.

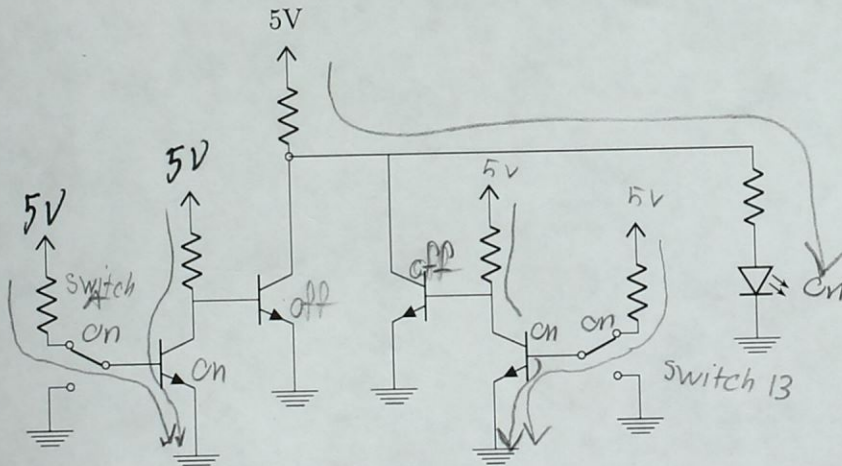
Inverter:



NOR:



Final gate:



A	B	$\sim A$	$\sim B$	Led (NOR)
0	0	1	1	0
0	1	1	0	0
1	0	0	1	0
1	1	0	0	1