

NAME:

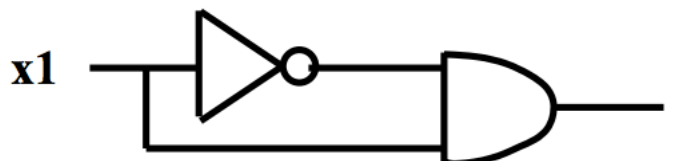
1. Fill in the truth table for the “OR” operator (use 0’s and 1’s).

X	Y	X OR Y

2. Draw an AND gate with 2 inputs. Label the inputs with any combination of 0’s and 1’s, and label the correct output.
3. Draw at least 2 gates linked together to calculate one output.
Write the Boolean formula for your circuit.
Label the inputs in any way that causes the output to be 1 (True).

4. Is there an input to every circuit of gates where the output will be 1 (True)?

Hint:



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