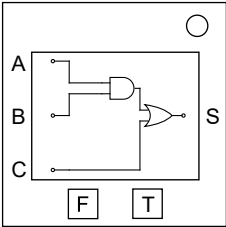


On the Subject of Logic Circuits

You are one step closer to get a computer engineering degree

Logic gates are the building blocks of digital circuits. Each gate has one or more inputs and produces a single output. The output is determined by the inputs and the type of gate.



- A, B, C represent inputs which can be on or off.
- Follow the rules of each gate to determine the output S.
- Answer with F if the output S is off, and T if the output S is on.

Gate	Symbol	Rule
NOT		Output is the opposite of the input.
AND		Output is on if both inputs are on.
OR		Output is on if at least one input is on.
XOR		Output is on if exactly one input is on.
NAND		Output is off if both inputs are on.
NOR		Output is off if at least one input is on.