Logic Gate Symbols

Boolean logic is used in the electronic circuits which control how computer systems work

The **logic** can be included in **circuit diagrams**
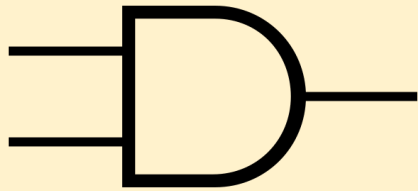
Logic Gate Symbols

For example, on my washing machine I have options for:
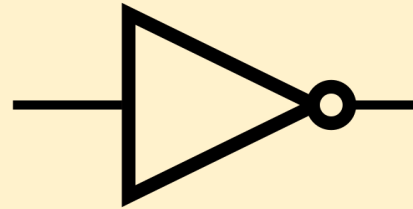
- quick wash
- extra spin
- pre-wash

Each of these is controlled by a button. The circuit needs to know which buttons are pressed to do the right wash. **Logic gates** on the circuit board do this
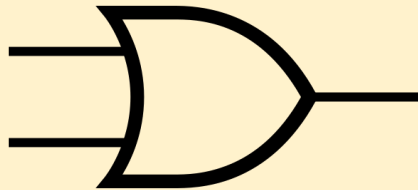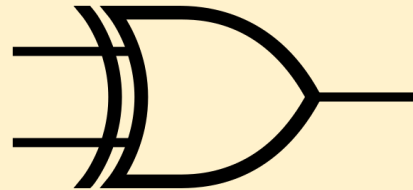
Logic Gate Symbols
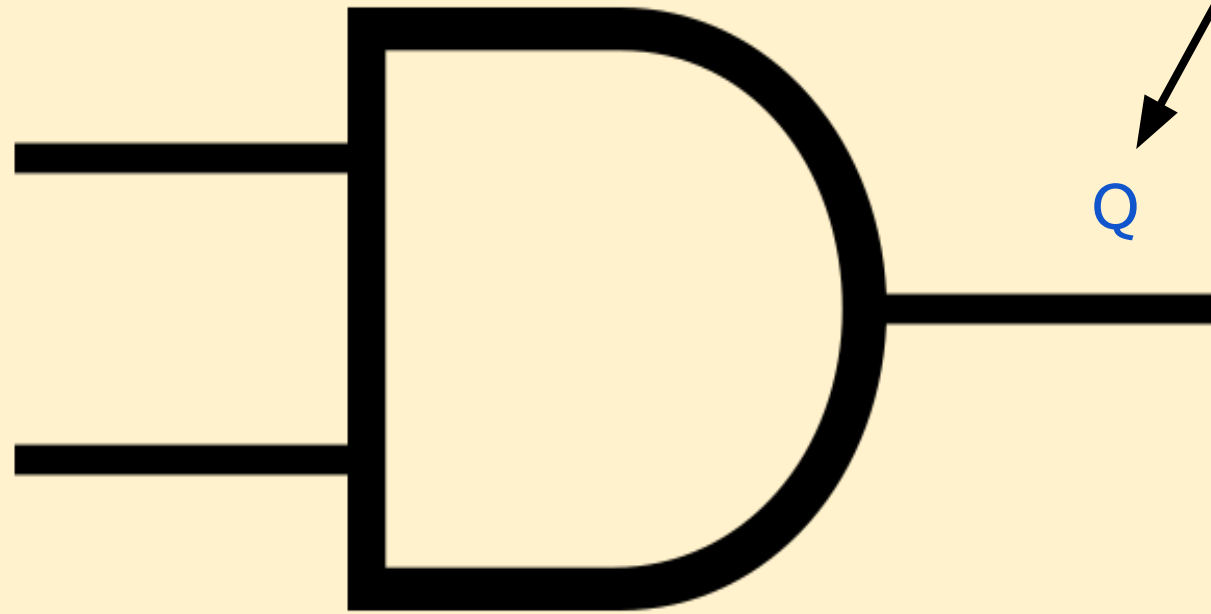
Learn these:

 AND

 NOT

 OR

 XOR

You do **NOT** need to know NAND or NOR

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Logic Gate Symbols

Inputs

Output

A

B

Q