AND and OR gates (cont.)
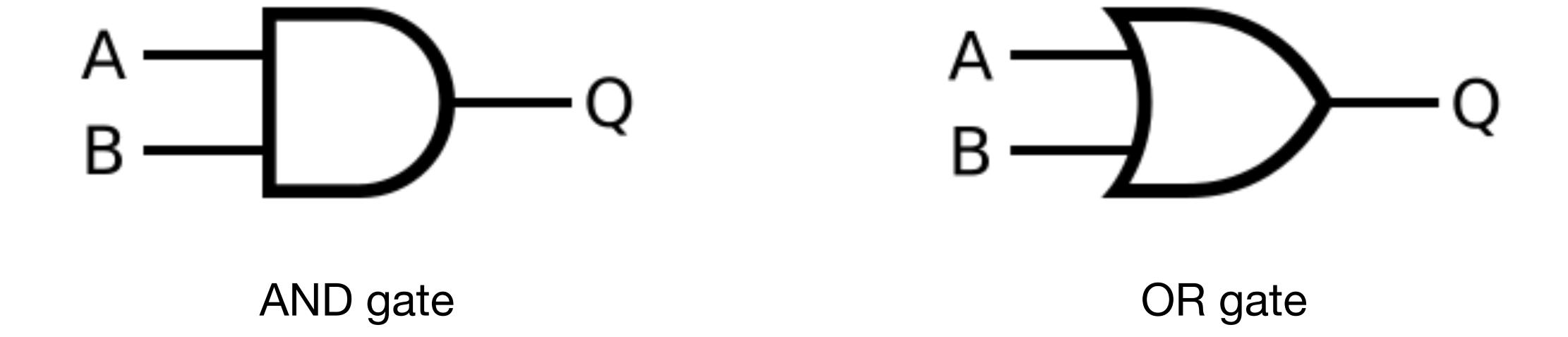
- Can visualize AND and OR gates with circuit diagrams

- Special symbols for common logic gates

AND gate

OR gate

NAND gate

- NAND gates are the basis for all circuits (not always, but we can assume it for now)

- We can use NAND gates to build every other type of logic gate

- NAND meaning: "not AND"

NAND gate

P	Q	P nand Q
TRUE	TRUE	FALSE
TRUE	FALSE	TRUE
FALSE	TRUE	TRUE
FALSE	FALSE	TRUE