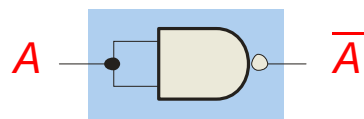


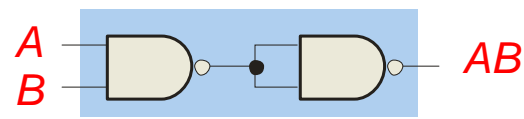
# Summary

## Universal Gates

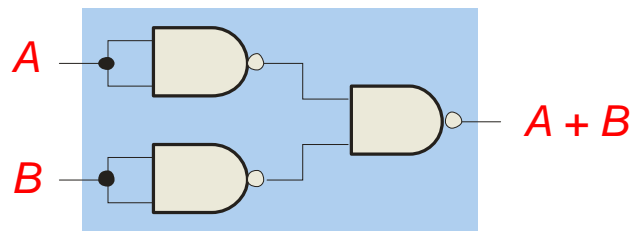
NAND gates are sometimes called **universal** gates because they can be used to produce the other basic Boolean functions.



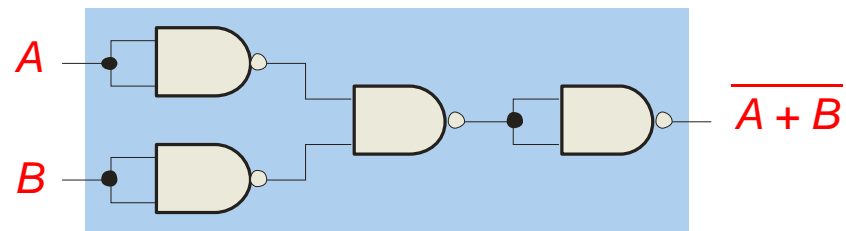
Inverter



AND gate



OR gate

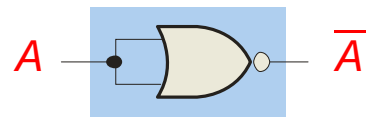


NOR gate

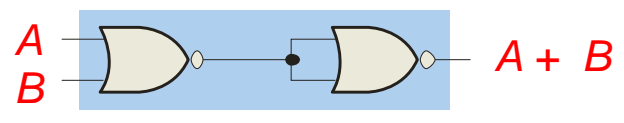
# Summary

## Universal Gates

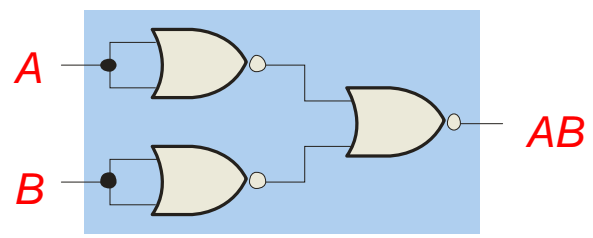
NOR gates are also **universal** gates and can form all of the basic gates.



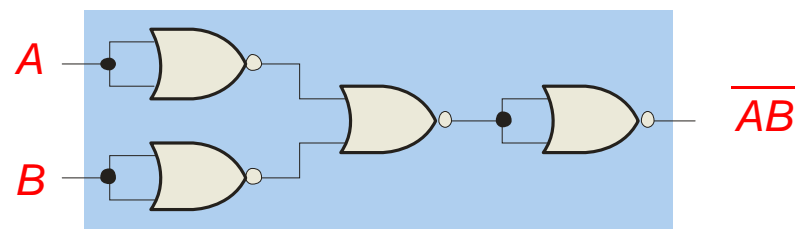
Inverter



OR gate



AND gate



NAND gate