



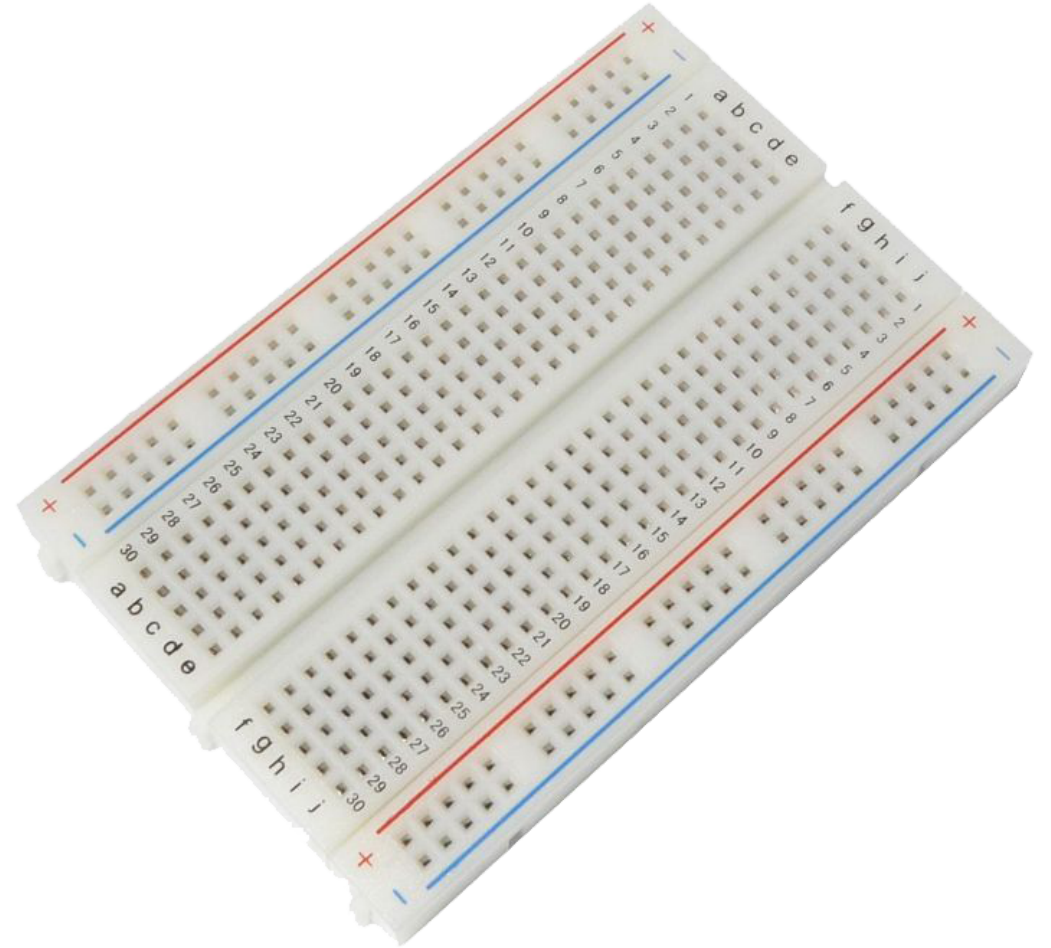
CSCI 211

Logic Design - Lab 1

Lab Components

1. Breadboard

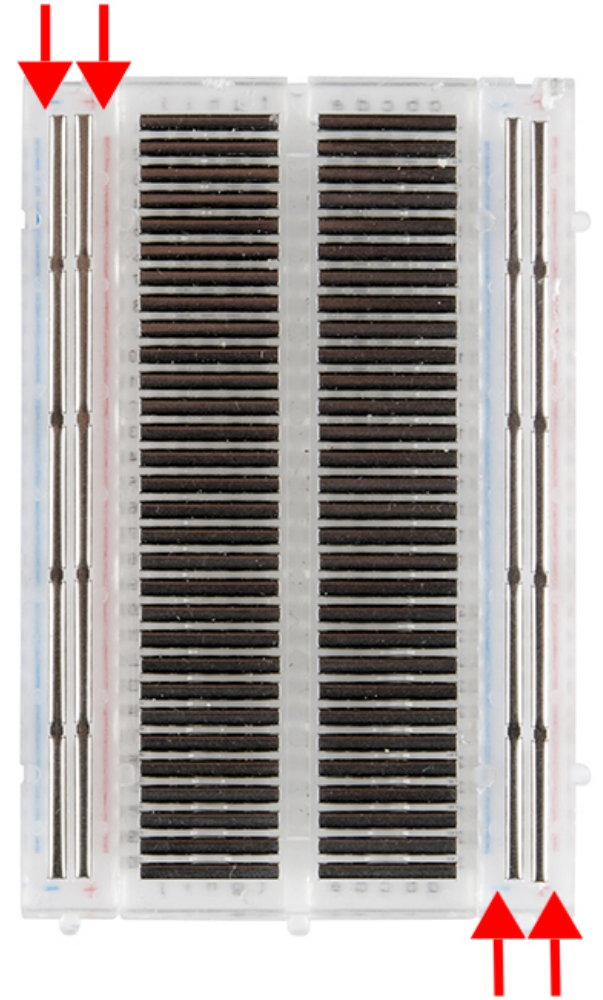
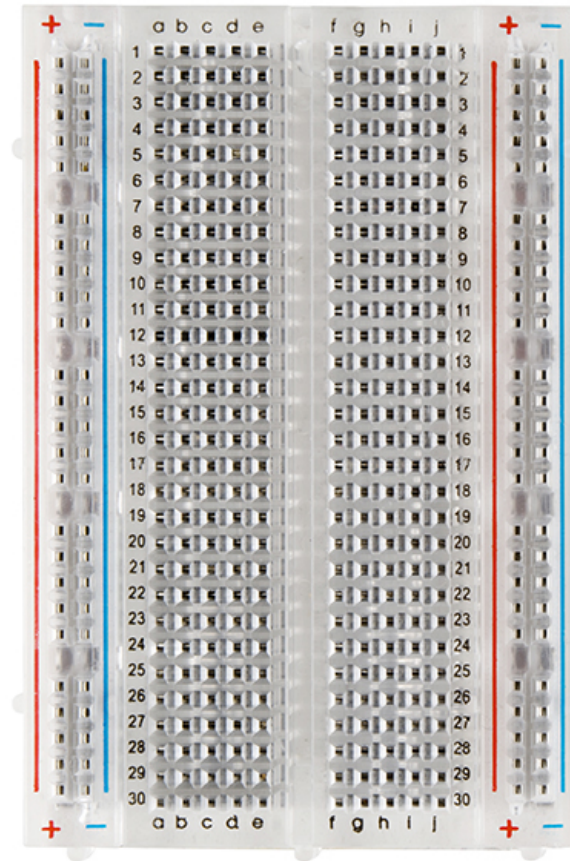
[Why is it called Breadboard?](#)



Lab Components

1. Breadboard:
Uncover

[TinkerCad](#)



Lab Components

2. Wires and leds

3. Switches and Battery

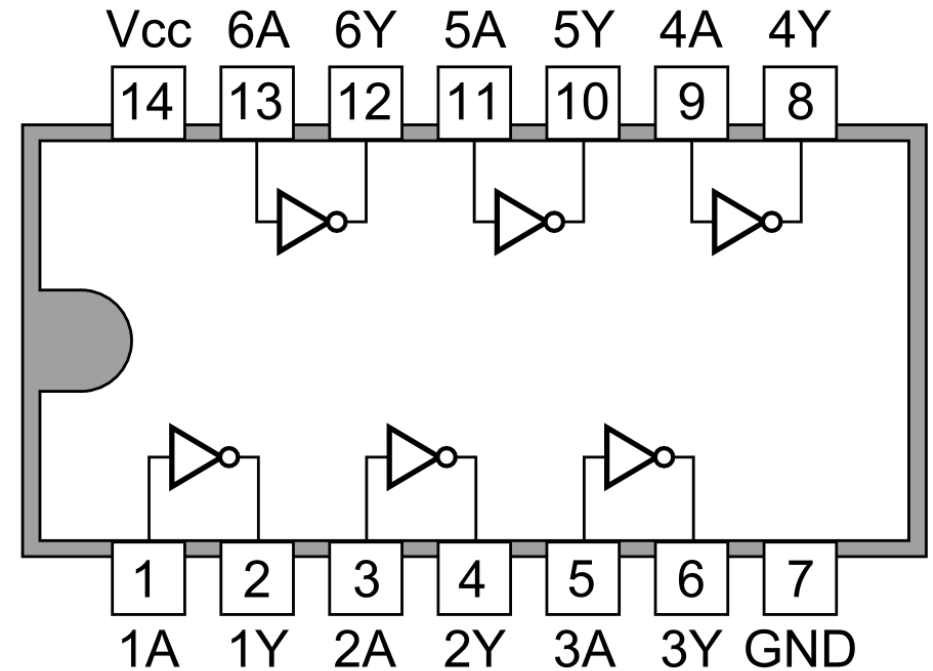
4. Resistors

[TinkerCad](#)

Lab Components

5. Not Gate

7404 Hex Inverters

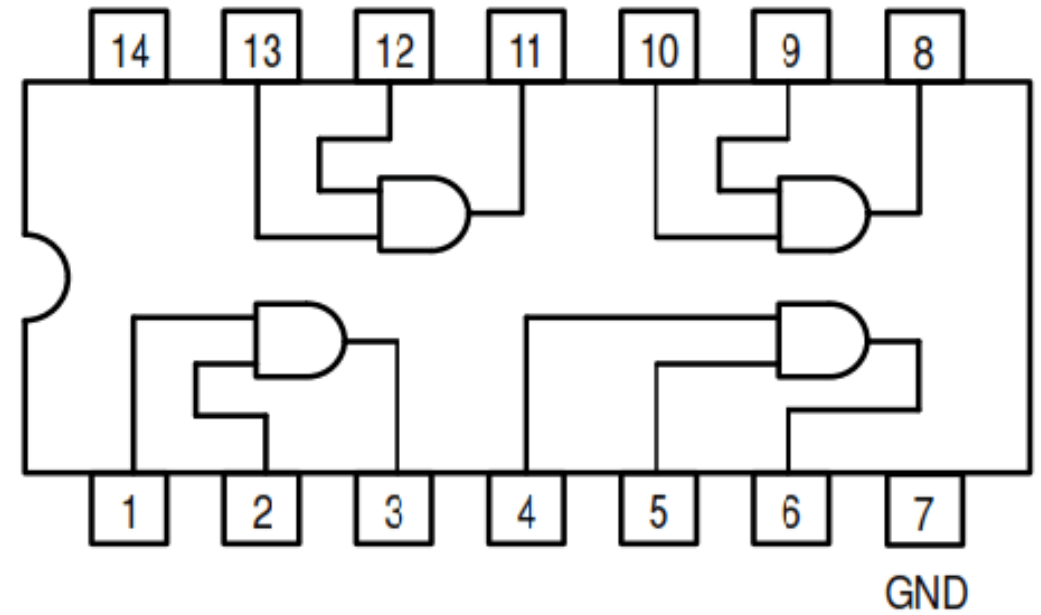


Lab Components

6. AND Gate

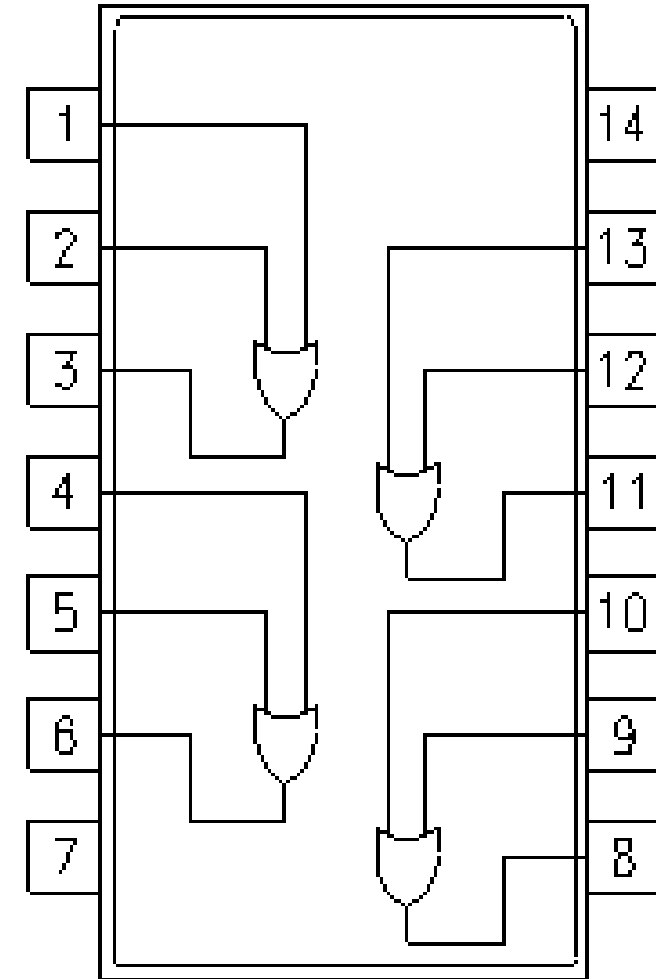
7408

V_{CC}



Lab Components

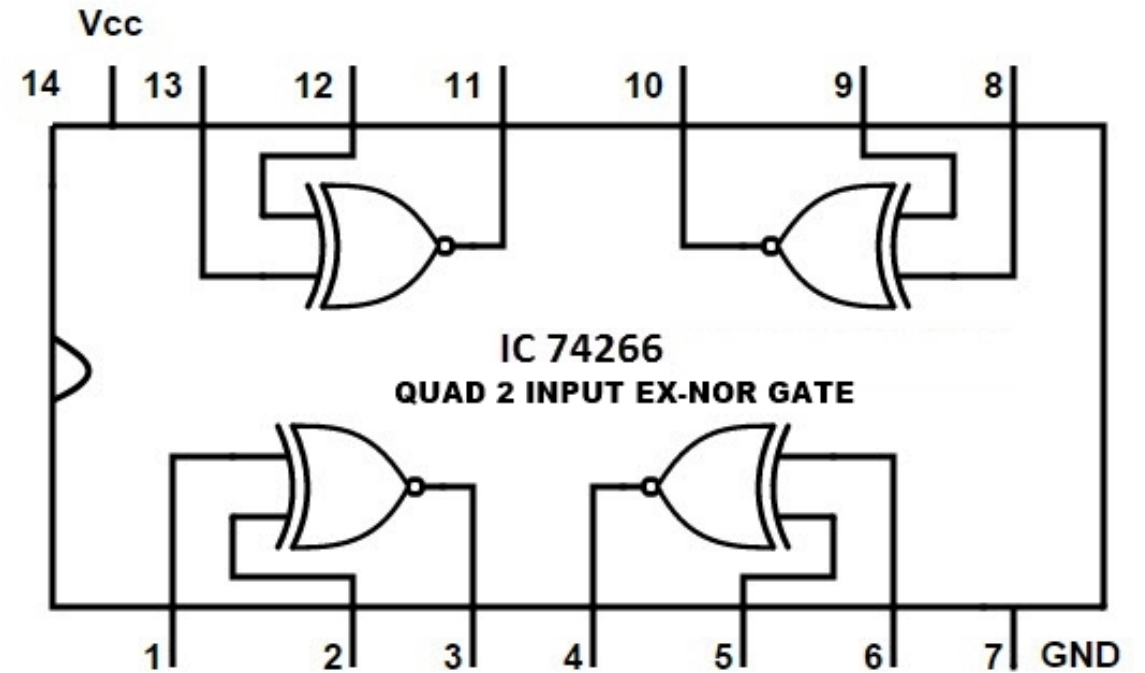
7. OR Gate



7432
Quad 2-Input
OR Gate

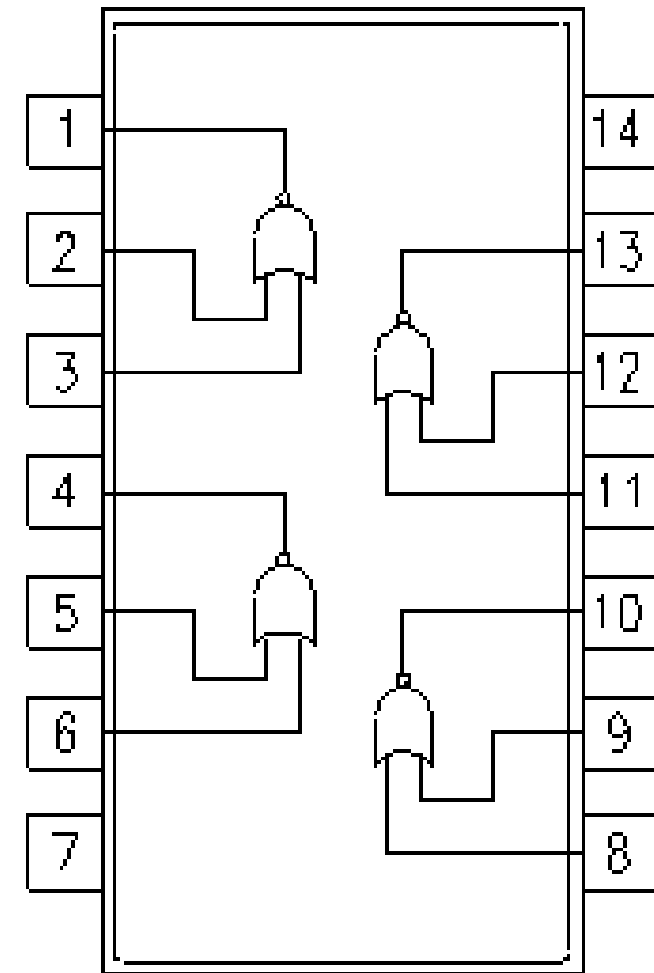
Lab Components

8. NAND Gate



Lab Components

9. NOR Gate

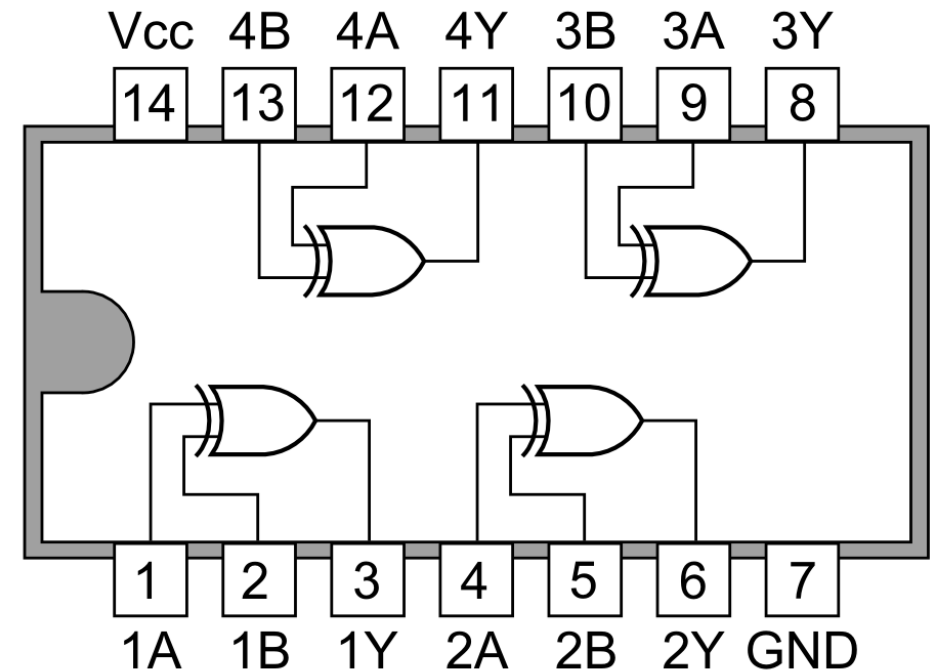


7402
Quad 2-Input
NOR Gate

Lab Components

10. XOR Gate

7486 Quad 2-input ExOR Gates



Lab Components

11. XNOR Gate

