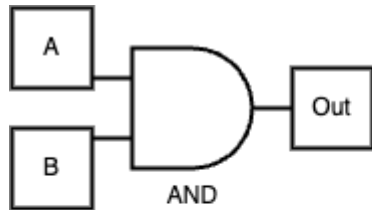


Gates

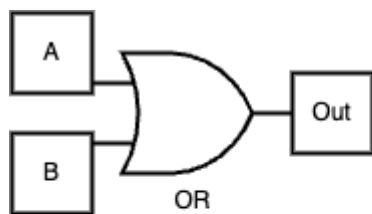
[Diagram link](#)

AND



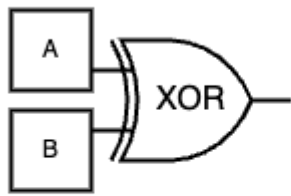
| A | B | AND | NAND |
|---|---|-----|------|
| 0 | 0 | 0 | 1 |
| 0 | 1 | 0 | 1 |
| 1 | 0 | 0 | 1 |
| 1 | 1 | 1 | 0 |

OR



| A | B | Out |
|---|---|-----|
| 0 | 0 | 0 |
| 0 | 1 | 1 |
| 1 | 0 | 1 |
| 1 | 1 | 1 |

XOR



Equation:

$$(A * -B) + (-A * B)$$
$$(-A + -B) * (A + -B)$$

| A | B | Out |
|---|---|-----|
| 0 | 0 | 0 |
| 0 | 1 | 1 |
| 1 | 0 | 1 |
| 1 | 1 | 0 |

Revision #1

Created 1 year ago by [Preet Kang](#)

Updated 1 year ago by [Preet Kang](#)