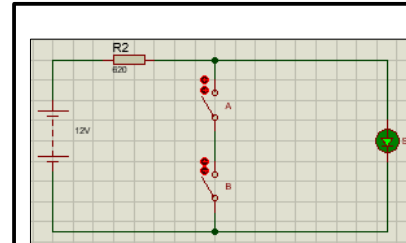
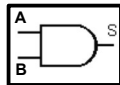


RECAPITULATIF DES FONCTIONS LOGIQUES



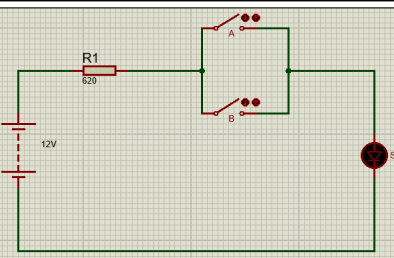
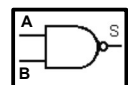
AND
Equation

$S = A \cdot B$



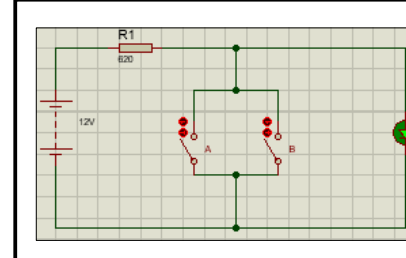
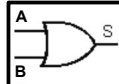
NAND
Equation

$S = \overline{A \cdot B}$



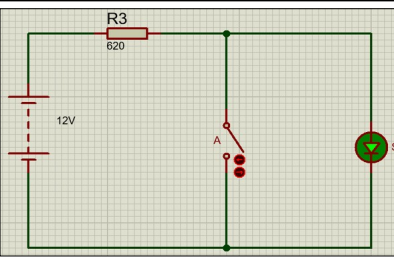
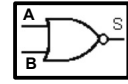
OR
Equation

$S = A + B$



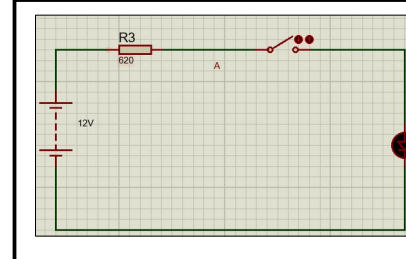
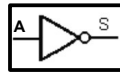
NOR
Equation

$S = \overline{A + B}$



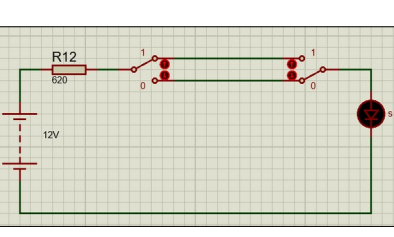
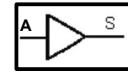
NOT
Equation

$S = \overline{A}$



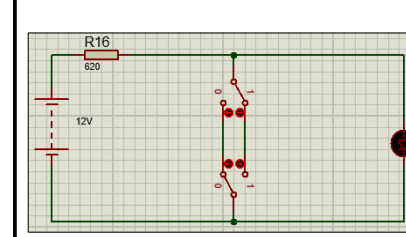
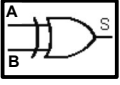
BUFFER
Formule

$S = A$



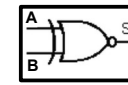
XOR
Equation

$S = A \oplus B$



XNOR
Equation

$S = \overline{A \oplus B}$



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

| A | B | OR | NOR |
|---|---|----|-----|
| 0 | 0 | 0 | 0 |
| 1 | 0 | 0 | 1 |
| 0 | 1 | 0 | 1 |
| 1 | 1 | 0 | 1 |

| A | B | XOR | XNOR |
|---|---|-----|------|
| 0 | 0 | 0 | 1 |
| 1 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 |
| 1 | 1 | 0 | 1 |

| A | NOT | BUFFER |
|---|-----|--------|
| 0 | 0 | 1 |
| 1 | 1 | 0 |