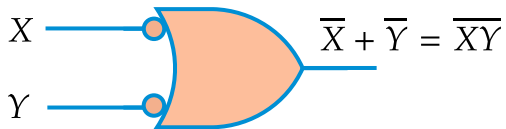
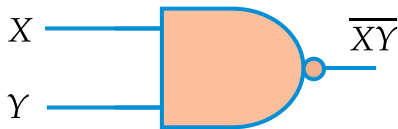


$X \text{ NAND } Y$

| X | Y | $X \text{ NAND } Y$ |
|-----|-----|---------------------|
| 0 | 0 | 1 |
| 0 | 1 | 1 |
| 1 | 0 | 1 |
| 1 | 1 | 0 |

 $X \text{ NOR } Y$

| X | Y | $X \text{ NOR } Y$ |
|-----|-----|--------------------|
| 0 | 0 | 1 |
| 0 | 1 | 0 |
| 1 | 0 | 0 |
| 1 | 1 | 0 |

