

# is followed by notes, which is optional.

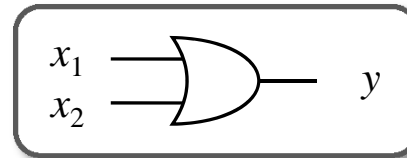
$x, x_i$  and  $y$  are numbers

# circuit description

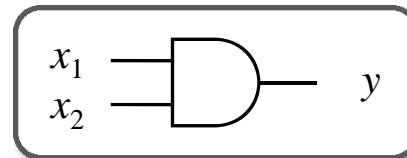
INPUT( $x$ )            # input name

OUTPUT( $x$ )           # output name

$y = \text{OR}(x_1, x_2)$



$y = \text{AND}(x_1, x_2)$



Each OR, AND gate has 2 to 4 inputs.