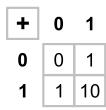
Binary Addition Tables

To add two binary numbers, we do the same thing we did for decimal except that we use binary digits (0-1) instead of decimal digits (0-9).



As with decimal, this is really a Sum table and a Carry table:

These tables can also be written in "truth table" format:

АВ	Sum
0 0	0
0 1	1
1 0	1
1 1	0

This should look familiar. Which logical operations (AND, OR, XOR) can be used to calculate the binary Sum and Carry?