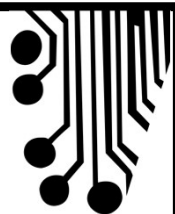


# ADDING BINARY



Adding binary numbers uses the same process as long addition.

RULES

$$0 + 0 = 0$$

$$1 + 0 = 1$$

$$1 + 1 = 10$$

$$1 + 1 + 1 = 11$$

## ADDITION

	0	1	1	0	1	0	1
	1	1	0	0	1	1	0
Denary =							

Make sure that you show your carried ones either at the top or bottom of the columns.



## OVERFLOW

When adding binary numbers, if the answer is longer than the bit patterns being added, the number will overflow

