

Numeral System Conversions

Conversion	Method	Example
------------	--------	---------

Binary Arithmetic

Operation	Rules	Example
-----------	-------	---------

Negative Numbers: Two's Complement

Method:

Invert all bits (1's complement).

Add 1 to the result.

Example:

-5_{10} in 4-bit binary:

Step 1: $5 = 0101 \rightarrow \text{Invert} \rightarrow 1010$.

Step 2: $1010 + 1 = 1011$ (represents -5).



By **MTMR**
cheatography.com/mtmr/

Not published yet.
Last updated 9th May, 2025.
Page 1 of 1.

Sponsored by **Readable.com**
Measure your website readability!
<https://readable.com>