



Binary to Decimal
$$\begin{array}{c}
(100111) = (34) \\
0\times2^{3} \\
1\times2^{5} & 1\times2^{6} \\
1\times2^{1} & 1\times2^{6}
\end{array}$$

$$\begin{array}{c}
1+2+4+32 \\
1\times2^{1} & 1\times2^{6}
\end{array}$$

$$\left(0010\right)_{2} = \left(\frac{2}{10}\right)_{10}$$

Decimal to Binary

$$\left(39\right)_{10} = \left(100111\right)_{2}$$

Decimal to Octal (Same as above (Num = 8)

0

$$(4320)_{10} = (10340)_{8}$$

8	4320
8	540 °
8	67 4
8	8 3

(10340)8

Decimal to Hexadecimal

$$(700)_{10} = (2AB)_{16}$$

Binary to Hexadecimal

Binary =
$$(1010111100) = (101011100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (10101111100) = (1010111100) = (10101111100) = (10101111100) = (10101111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (1010111100) = (101011100) = (101011100) = (101011100) = (101011100) = (101011100) = (101011100) = (101011100) = (101011100) = (101011100) = (101011100) = (101011100) = (101011100) = (101011100) = (101011100) = (101011100) = (101011100) = (101011100) = (101011100) = (101011100) = (101011100) = (10101100) = (10101100) = (10101100) = (10101100) = (10101100) = (10101$$

≺ 16

