

Decimal 104 \rightarrow Output 150

8	104	0
8	13	5
8	1	1
	0	

\uparrow

$$8^2 \times 1 + 8^1 \times 5 + 8^0 \times 0$$
$$\frac{64 \times 1}{\textcircled{64}} + \frac{8 \times 5}{\textcircled{40}} + \frac{1 \times 0}{\textcircled{0}}$$
$$\boxed{104}$$

Decimal → Hexa
 (104) → (68)

16	104	8
16	6	6
	0	

↑

$$\begin{array}{r}
 16^1 \times 6 + 16^0 \times 8 \\
 \hline
 16 \times 6 \quad 1 \times 8 \\
 \hline
 (96) \quad (8) \\
 \hline
 \boxed{104}
 \end{array}$$

Decimal

Binary

(104) → (1101000)

2	104	0
2	52	0
2	26	0
2	13	1
2	6	0
2	3	1
2	1	1
	0	

$$\begin{array}{ccccccc} 2^6 & 2^5 & 2^4 & 2^3 & 2^2 & 2^1 & 2^0 \\ 2 \times 1 & 2 \times 1 & 2 \times 0 & 2 \times 1 & 2 \times 0 & 2 \times 0 & 2 \times 0 \\ \hline & & 0 & & 0 & 0 & 0 \\ 64 & 32 & & & 8 & & \\ \hline & 104 & & & & & \end{array}$$

104

128 64 32 16 8 4 2 1

0 1 1 0 1 0 0 0