$$
\begin{array}{l|l}
301 & 2 \\
\underline{300} & 150 \\
1 & \underline{150} \\
 & 0
\end{array}
\qquad
\begin{array}{l|l}
150 & 2 \\
\underline{74} & 75 \\
1 & \underline{74} \\
 & 1
\end{array}
\qquad
\begin{array}{l|l}
37 & 2 \\
\underline{36} & 18 \\
1 & \underline{18} \\
 & 0
\end{array}
\qquad
\begin{array}{l|l}
18 & 2 \\
\underline{8} & 9 \\
1 & \underline{8} \\
 & 1
\end{array}
\qquad
\begin{array}{l|l}
9 & 2 \\
\underline{4} & 4 \\
0 & \underline{4} \\
 & 0
\end{array}
\qquad
\begin{array}{l|l}
4 & 2 \\
\underline{2} & 2 \\
0 & \underline{2} \\
 & 1
\end{array}
\qquad
\begin{array}{l|l}
2 & 2 \\
\underline{2} & 1 \\
0 & 0
\end{array}
$$

$301 = 100101101_{<2>}$

$$
\begin{array}{l|l}
301 & 8 \\
\underline{296} & 37 \\
5 & \underline{32} \\
 & 5
\end{array}
\qquad
\begin{array}{l|l}
37 & 8 \\
\underline{32} & 4 \\
5 & \\
 & \\
\end{array}
$$

$301 = 455_{<8>}$

$$
\begin{array}{l|l}
301 & 16 \\
\underline{288} & 18 \\
13 = D & \underline{16} \\
 & 2
\end{array}
\qquad
\begin{array}{l|l}
18 & 16 \\
\underline{16} & 1 \\
2 & \\
 & \\
\end{array}
$$

$301 = 12D_{<16>}$

$18 = XVIII$ $\qquad 201 = CCI$ $\qquad 310 = CCCX$

$X = 10$ $\qquad C = 100$

$V = 5$

$I = 1$

$19C = 1\cdot 16^2 + 9\cdot 16^1 + 12\cdot 16^0 = 256 + 144 + 12 = 412_{<10>}$

$1404 = 1\cdot 8^3 + 4\cdot 8^2 + 0\cdot 4^1 + 4\cdot 4^0 = 512 + 256 + 0 + 4 = 772_{<10>}$

$101101 = 1\cdot 2^5 + 0\cdot 2^4 + 1\cdot 2^3 + 1\cdot 2^2 + 0\cdot 2^1 + 1\cdot 2^0 = 32 + 0 + 8 + 4 + 0 + 1 =$
$= 45_{<10>}$

~~$18_{<10>} = 10010_{<2>}$~~

$39 \,|\, 2$
$38 \quad 19 \,|\, 2$
$1 \quad 18 \quad 9 \,|\, 2$
$1 \quad 8 \quad 4 \,|\, 2$
$0 \quad 4 \quad 2 \,|\, 2$
$0 \quad 2 \quad 1$
0

$39_{<10>} = 100111_{<2>}$

$39 \,|\, 8$
$32 \quad 4$
7

$39_{<10>} = 47_{<8>}$

$39 \,|\, 16$
$32 \quad 2$
7

$39_{<10>} = 27_{<16>}$

$143 \,|\, 16$
$128 \quad 8$
$15 = F$

$143 = 8F_{<16>}$

$143 \,|\, 8$
$136 \quad 17 \,|\, 8$
$7 \quad 16 \quad 2$
1

$143 = 217_{<8>}$

$143 \,|\, 2$
$142 \quad 71 \,|\, 2$
$1 \quad 70 \quad 35 \,|\, 2$
$1 \quad 34 \quad 17 \,|\, 2$
$1 \quad 16 \quad 8 \,|\, 2$
$1 \quad 8 \quad 4 \,|\, 2$
$0 \quad 4 \quad 2 \,|\, 2$
$0 \quad 2 \quad 1$
0

$143 = 10001111_{<2>}$