

BCD \equiv Binary Coded Decimal \rightarrow requires 4 bits for 10 $9 \equiv 1001$

$$3569_{10} = \overbrace{0011}^3 \overbrace{0101}^5 \overbrace{0110}^6 \overbrace{1001}^9 \text{ BCD}$$

$$\overbrace{0011}^3 \overbrace{1001}^9 \overbrace{0101}^5 \text{ BCD} = 395_{10} = \overbrace{110001011}_{}^{\text{12 11 10 9 8 7 6 5 4 3 2 1}} = 18B_{16}$$

Binary $395 \overset{1}{-} 197 \overset{1}{-} 98 \overset{0}{-} 49 \overset{1}{-} 24 \overset{0}{-} 12 \overset{0}{-} 6 \overset{0}{-} 3 \overset{1}{-} 1$

Hexadecimal $395 - 24 - 1$
 $\begin{array}{r} 11 \\ 11 \\ 8 \end{array}$