① $127_{10} = 0111\,1111_2 = 177_8 = 7F_{16}$

② $21_{10} = 10101_2 = 25_8 = 15_{16}$

③ $57_{10} = 111001_2 = 71_8 = 39_1$

④ $171_{10} = 10101011_2 = 253_8 = AB_{16}$

① $127 = 1+2+4+8+16+32+64$

$1\ 1\ 1\ 1\ 1\ 1\ 1\ 0$ ←

$127 - 7 \times 16^1 = 127 - 112 = 15 = F$

$127 - \underline{1} \times 8^2 - \underline{7} \times 8^1 = \underline{7}$

② $10101 = 1 + 4 + 16 = 21$

$21 = 16^{①} - \underline{5} = 15_{16}$

$21 = \underline{2} \times 8 - \underline{5} =$

③ $71_8 = 56 + 1 = 57_{10}$

$57_{10} = 1 + 2 + 4 + 8 + 16 + 32$

$111001 \qquad (63 - 6)$

$57_{10} = (\underline{3} \times 16) + X = 48$

$+9$

④ $AB_{16} = (10 \times 16) + 11 = 171$

↓ ↓

10 11

$171 = 128 + 43 \qquad 10101011$

$43 = 32 + 1 + 2 + 8$

$171 = (\underline{2} \times 8^2) + (\underline{5} \times 8^1) + \underline{3}$

$128 \qquad 40 \qquad +3$