Ejercicios de Cambio de Numeración

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1. Pasar a Sistema Hexadecimal

- $1|0001|1001_2 = 119_{16}$

- $5767_8 = 1011|1111|0111_2 = BF7_{16}$

- $9854_{10} = 2^{13}+2^{10}+2^9+2^6+2^5+2^4+2^3+2^2+2^1 = 10|0110|0111|1110_2 = 267E_{16}$

- $10|1100|1001_2 = 2A9_{16}$

- $764527_8 = 11|1110|1001|0101|0111_2 = 3E957_{16}$

- $574120_{10} = 2^{19}+2^{15}+2^{14}+2^9+2^7+2^5+2^3 = 1000|1100|0010|1010|1000_2 = 8C2A8_{16}$

2. Pasar a Sistema Binario

- $6415_8 = 110|100|001|101_2$

- $9B47_{16} = 1001|1011|0100|0111_2$

- $9845_{10} = 2^{13} + 2^{10} + 2^9 + 2^6 + 2^5 + 2^4 + 2^2 + 2^0 = 10011001110101_2$

- $35477_8 = 011|101|100|111|111_2$

- $F5D41_{16} = 1111|0101|1101|0100|0001_2$

- $56878_{10} = 2^{15} + 2^{14} + 2^{12} + 2^{11} + 2^{10} + 2^9 + 2^5 + 2^3 + 2^2 + 2^1 = 1101111000101110_2$