8/1/2016

Note Title

$$7104 = 7 \times 10^{2} + 1 \times 10^{2} + 0 \times 10^{1} + 4 \times 10^{0}$$

 $13. = 1101_{2}$

$$27_{10} = 11011_{2}$$

$$27_{10} = 41_{9}$$

$$= 4 \times 9' + 1 \times 9^{9}$$

$$27_{10} = 36_{7}$$

$$92_{10} = 134_{8} = 1 \times 8^{7} + 3 \times 8 + 4$$

1 by
$$te = 8$$
 bits
= bit (0 or 1)
 $11...1 = 2^{7} + 2^{6} - ... + 2^{6}$
 $8 = 2^{8} - 1 = 2.55$
 $2^{10} = 1029$
 $2^{10} = 1029$
 $2^{20} = 10^{6}$
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$$N_{16} = N_{2}$$

$$29_{10} = 11101_{2}$$

$$29_{10} = 1D_{16}$$

$$1 = 101_{2}$$

$$1 = 101_{2}$$

$$1 = 101_{2}$$

$$1 = 101_{2}$$

$$1 = 101_{2}$$

$$1 = 101_{2}$$

$$1 = 101_{2}$$

$$1 = 101_{2}$$

Sign bil 1 (N(0) O(N>,0) signed 0011 1011 mag 000 000 magnitude 7 70

biased.

$$0 \cdot \cdot \cdot \cdot 15$$

$$\mathcal{U} \rightarrow F(u)$$

biased:
$$F(u) = u + bias$$

 $F(u) = u + 7$