

① $.125_{10}$

Lab 4 conversion

$.125_{10} \times 16 = 2.0$

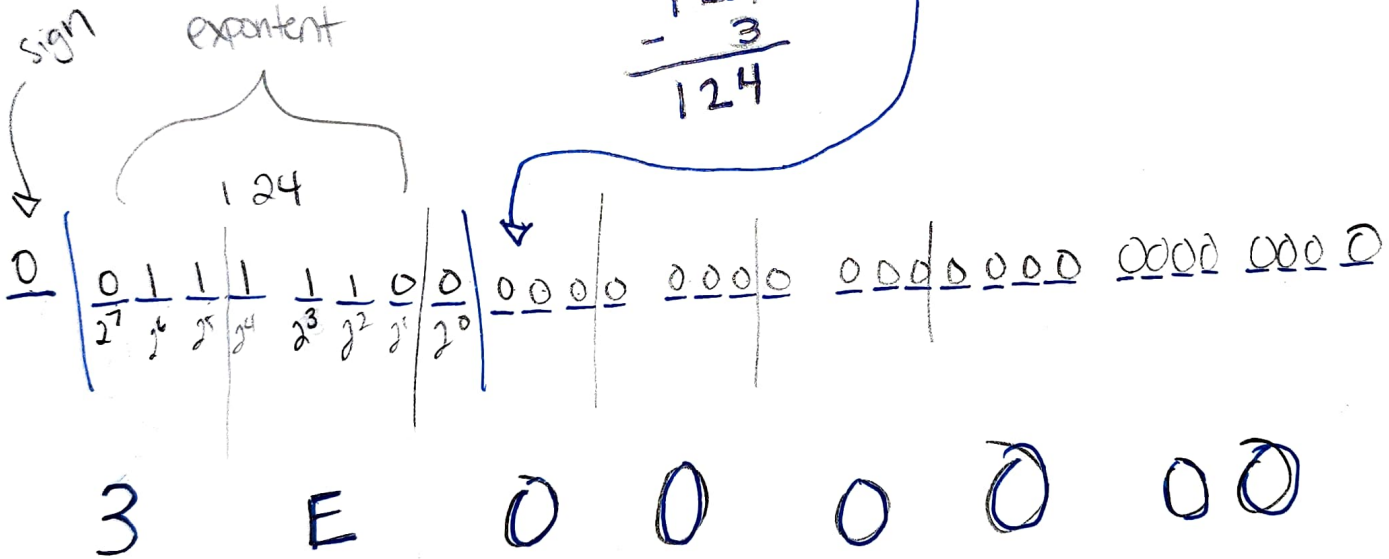
$.2_{10} \rightarrow \text{base 2}$

$\rightarrow .0010_2$

IEEE $\rightarrow 1.0 \times 2^{-3}$

exponent

$$\begin{array}{r} 127 \\ - 3 \\ \hline 124 \end{array}$$



17 3 9

3. base 10 to 10

$$3 \times 18 = 4.8$$

$$8 \times 16 = 128$$

$$10 \times 10 = 12.6^\circ \text{C}$$

$$.8 \times 10 = 12.8 \rightarrow C$$

10/12/20

Box 10 \rightarrow Box 2

$$\begin{array}{r} 9100 \ 1100 \ 1100 \\ \hline 2 \end{array}$$

Box 2 - D/E/E

2×10011001

expansive

127

Exp.

sel

EXP.

3

E

9

9

9

9

9

A

← rounded up