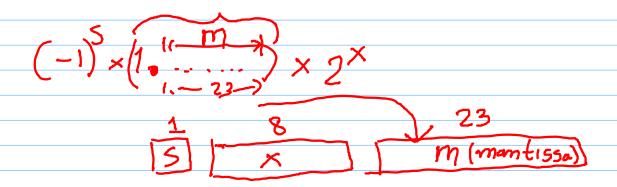
Decimal to Binary 8/8/2016 Note Title $2 \rightarrow 10$ 4.125 -> 100.001 15.75 -> | | | | | | | | 1.75. -> 1.11 $9.625 \rightarrow [001.10]$ $0.75 \rightarrow 0.11$ $(0.011)_2 = (1.1)_7 \times 2^{-2}$ $(1010)_2 = (1.010)_7 \times 2^3$

$$4.625 = 100.101$$

$$= 1.00101 \times 2$$



-4.625 -> 100.101 normal form = 1.00101×2^2 × m S=0 9.375 $\rightarrow 1001.011 \rightarrow 1.001011 \times 2^{3}$ 5 × m