	Mahmoud Moustafa
	3648276 C53113 A1
	23 2 2 2 2
	8-(1000) 8421
	8=(1000)2
	8 - 8 - 0
	$0.5 \times 2 = 1.0$ $0.5 = (1)_2$ $8.5 = (1000.1)_2$
Pi an	
Floating, rounding, &	1.000 x23 => 1.000 -> 1.00 x23
truncating	Chaling The Control of the Control o
0.0 -	be - x1 1 2 1 2 2 1 2 2 1 2 2 (0)
KKE:	$\frac{ x_2 - x }{ x } x x x x x x x x x x x x $
7.11.81	19-8.5 = 10.5 = 0.05882
	18.51 8.51
()	3,375
	3 = (11)
	3-2-1
	1-1-0
	$0.375 = (011)_2$ $0.375 \times 2 = 0.75$
	$0.75 \times 2 = 1.50$
	0.50x2-1.00
	$3.375 = (11.011)_2$
	11.11 × 01 - 111 - 111 - 111
	$ \cdot o \times 2' \Rightarrow \cdot o \cdot \Rightarrow \cdot o \times 2'$

1.110x2' > 11.10 = 2+2°.2-1=3.5 RRE= | 3.5 - 3.375 = | 0.125 = 0.03704 13.3751 13.375 3.9 3 = (11), 0.9 x2 = 1.8 D.8x2=1.6 0.4x2 =0.8 3.9=(11.1100)2 0.8x2 = 1.6 11 -> 10.00 -> 1.000x22 1.000 x2 -> 100.0 = 22= - 10.11 -0.02564 RRE- 14-3.91 13.9 13.91

1. 100 x/2-1 60/x2-1 /3/ 9/1/100/=/2+2+2=0-875 RRE - 10.875-6.91 = 10.02778 1) b) 1,19 0,19 = (0,001/0000/0/111) 0.1912 = 0.38 0.38x2 - 0,76 0.76 x2 = 1.52 0.52×2=1.04 0.04+2-0.08 0.08x2: 0.16 0.16x2 = 0,32 0.32x2=0,64 0 0.64x2=1.28 0.28x2=0.56 0 0.56x2=1.12 $\frac{1.1000000101\times2^{-3}}{1.100\times2^{-3}} > \frac{1.100\times2^{-3}}{0.00110} = 2^{-3} + 2 = 0.1875$ 10.1875-0.19 = 0.0025 0.01316 10.19