Jonathan Teo CS 261 HW9

Denominated = (-1) = (1.m) + 2 = 1-60

Formert A Bias = (CIIII)   Former B Bias (GIIII)				
2.7	Bits Value	Value	Bits Value	Value
	(1-1-4-15)	(87) + 2313	1:00000 0000000000000000000000000000000	-(214)(20)
G	0 100011 00000000	16	0 10011 000000000000000000000000000000	16
Q.	3 0 010001 001011100	23 , 2° 128	0 00001 00 10111000	23×2
Qu	2 2	25(1-25)	0 0 1010 00000000012 (1) 2 1. conscious	$\frac{1}{2^{-15}} \cdot \left(\frac{2}{1024} + 1\right)$ $\frac{1}{2^{-15}} + \frac{1}{2^{-5}}$
Q5	(1) 2 (1.0000 II)	-(2)(138)	1 11000 0000011000	-29·131
06	0 11111 11111111	NaN	6 mii 111111111	NaN
Q7	10.011101 000000001	(22) (1-5×27)	001101 0000000101	$(2^{2})(1+5\times2^{10})$
Ø8	0 010111 000000001	(28)(1 * 29)	000111 0000000001	$(2^{8})(1+2^{-10})$
09	0 011011 100 100011 (1) 2 1 + 512	2 (1+291)	0 01011 1001000110	2 (1 + 291 )
	2 56 502			

Format A largest: 0 111110 11111111 Q2. smallest, G 000001 000000000 Farmat B largest: 0 11110 111111111 Smallest: 0 00001 000000000

2 " 256 SM