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			Action table for RN	
L	G	S	Action	Α
X	0	0	Exact result, no round	0
X	0	1	Inexact result, but significand already rounded correctly	0
0	1	0	Tie case with even L, no rounding	0
1	1	0	Tie case with odd L, round to even	1
X	1	1	Round to nearest	1
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S, sign	Biased exp	Significand	Meaning
0	0	0	+ zero
1	0	0	- zero
0/1	0	Not 0	+/- a denormalized number
0	255	0	+ infinity
1	255	0	- infinity
Х	255	Not 0	NAN not a number