Log Scale Guide				
X	Expontent that 10	Percentage of the	Percentage of the	
	needs to be	distance to X (Log	distance from 1 to	
	raised to to give	X)	2	
	you the number in			
	the X column (log			
	X)			
10.0	1.0000	100%		
9.0	0.9542	95%		
8.0	0.9031	90%		
7.0	0.8451	85%		
6.0	0.7782	78%		
5.0	0.6990	70%		
4.0	0.6021	60%		
3.0	0.4771	48%		
2.0	0.3010	30%	100%	
1.9	0.2788	28%	93%	
1.8	0.2553	26%	85%	
1.7	0.2304	23%	77%	
1.6	0.2041	20%	68%	
1.5	0.1761	18%	58%	
1.4	0.1461	15%	49%	
1.3	0.1139	11%	38%	
1.2	0.0792	8%	26%	
1.1	0.0414	4%	14%	
1.0	0.0000	0%	0%	
For example:				
$10^{1.000} = 10$		10 ^{0.3010} =	2.0	
10 ^{0.9031} =	8	$10^{0.1761} = 1.5$		
10 ^{0.6990} =	5	10 ^{0.0414} =	1.1	

Log Scale Guide				
X from 1 to 10	Expontent that 10	X from 1 to 2	Expontent that 10	
	needs to be		needs to be	
	raised to to give		raised to to give	
	you the number in		you the number in	
	the X column (log		the X column (log	
	X)		X)	
10	1.0000	2.0	0.3010	
9	0.9542	1.9	0.2788	
8	0.9031	1.8	0.2553	
7	0.8451	1.7	0.2304	
6	0.7782	1.6	0.2041	
5	0.6990	1.5	0.1761	
4	0.6021	1.4	0.1461	
3	0.4771	1.2	0.0792	
2	0.3010	1.1	0.0414	
1	0.0000	1.0	0.0000	
For example:				
$10^{1.000} = 10$		$10^{0.3010} = 2.0$		
10 ^{0.6990} =	5	$10^{0.1761} = 1.5$		
10 ^{0.3010} =	2	10 ^{0.0414} =	1.1	