SCALE FORMULAS

NO	SCALE	FORMULA								QUALITY	PARENT SCALE
1	**Ionian**	1	2	3	4	5	6	7	1	major	Major
	Interval	1	1	1/2	1	1	1	1/2			
2	**Dorian**	1	2	3^b	4	5	6	7^b	1	minor	Major
	Interval	1	1/2	1	1	1	1/2	1			
3	**Phrygian**	1	2^b	3^b	4	5	6^b	7^b	1	minor	Major
	Interval	1/2	1	1	1	1/2	1	1			
4	**Lydian**	1	2	3	$4^\#$	5	6	7	1	major	Major
	Interval	1	1	1	1/2	1	1	1/2			
5	**Mixolydian**	1	2	3	4	5	6	7^b	1	dominant 7th	Major
	Interval	1	1	1/2	1	1	1/2	1			
6	**Aeolian**	1	2	3^b	4	5	6^b	7^b	1	minor	Major
	Interval	1	1/2	1	1	1/2	1	1			
7	**Locrian**	1	2^b	3^b	4	5^b	6^b	7^b	1	diminished	Major
	Interval	1/2	1	1	1/2	1	1	1			
8	**Melodic Minor**	1	2	3^b	4	5	6	7	1	minor	Melodic Minor
	Interval	1	1/2	1	1	1	1	1/2			
9	**Mayor 7#4#5#**	1	2	3	$4^\#$	$5^\#$	6	7	1	mayor	Melodic Minor
	Interval	1	1	1	1	1/2	1	1/2			
9	**Lydian Dominant**	1	2	3	$4^\#$	5	6	7^b	1	dominant 7th	Melodic Minor
	Interval	1	1	1	1/2	1	1/2	1			
9	**Minor 7b5**	1	2	3^b	4	5^b	6^b	7^b	1	minor	Melodic Minor
	Interval	1	1/2	1	1	1/2	1	1			
9	**Super Locrian**	1	2^b	3^b	3	$4^\#$	$5^\#$	7^b	1	dominant 7th	Melodic Minor
	Interval	1/2	1	1/2	1	1	1	1			
8	**Harmonic Minor**	1	2	3^b	4	5	6^b	7	7	minor	Harmonic Minor
	Interval	1	1/2	1	1	1/2	1 1/2	1/2			
9	**Phrygian Dominant**	1	2^b	3	4	5	6^b	7^b	1	dominant 7th	Harmonic Minor
	Interval	1/2	1 1/2	1/2	1	1/2	1	1			
9	**8 note Diminished**	1	2	3^b	4	5^b	5#	6	7	diminished	Diminished
	Interval	1	1/2	1	1/2	1	1/2	1	1/2		
9	**8 note Dominant**	1	2^b	3b	3	$4^\#$	5	6	7^b	dominant 7th	Diminished
	Interval	1/2	1	1/2	1	1/2	1	1/2	1		
9	**Whole Tone**	1	2	3	$4^\#$	$5^\#$	7^b	1		major	Whole Tone
	Interval	1	1	1	1	1	1				