

Building Major Scales from given Root [Root=R=1]

Complete Inventories for a given tone

Please Use Pencil

R 2 3 4 5 6 7 R
C

b2 #2/b3 #4/b5 #5/b6 b7
b9 #9 #11 b13

R 2 3 4 5 6 7 R
G

b2 #2/b3 #4/b5 #5/b6 b7
b9 #9 #11 b13

R 2 3 4 5 6 7 R
D

b2 #2/b3 #4/b5 #5/b6 b7
b9 #9 #11 b13

R 2 3 4 5 6 7 R
A

b2 #2/b3 #4/b5 #5/b6 b7
b9 #9 #11 b13

R 2 3 4 5 6 7 R
E

b2 #2/b3 #4/b5 #5/b6 b7
b9 #9 #11 b13

R 2 3 4 5 6 7 R
B

b2 #2/b3 #4/b5 #5/b6 b7
b9 #9 #11 b13

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R	2	3	4	5	6	7	R
F							
b2	#2/b3		#4/b5	#5/b6		b7	
b9	#9		#11	b13			

R	2	3	4	5	6	7	R
Bb							
b2	#2/b3		#4/b5	#5/b6		b7	
b9	#9		#11	b13			

R	2	3	4	5	6	7	R
Eb							
b2	#2/b3		#4/b5	#5/b6		b7	
b9	#9		#11	b13			

R	2	3	4	5	6	7	R
Ab							
b2	#2/b3		#4/b5	#5/b6		b7	
b9	#9		#11	b13			

R	2	3	4	5	6	7	R
Db							
b2	#2/b3		#4/b5	#5/b6		b7	
b9	#9		#11	b13			

R	2	3	4	5	6	7	R
Gb							
b2	#2/b3		#4/b5	#5/b6		b7	
b9	#9		#11	b13			

Building Chords from a Major Scale Pattern

w w h w w w h
 2 2 1 2 2 2 1
 R 2 3 ^ 4 5 6 7 ^ R 2 3

you'll need an extra 2 & 3

First, build the scale

Next, build chords. Every scale tone becomes a root of a chord. Chords are built 'every other note.'

	7ths				Extensions		
	TRIADS						
	R	3	5	7	2	4	6
	9	11	13				
I	_____	_____	_____	_____	_____	_____	_____
ii	_____	_____	_____	_____	_____	_____	_____
iii	_____	_____	_____	_____	_____	_____	_____
IV	_____	_____	_____	_____	_____	_____	_____
V	_____	_____	_____	_____	_____	_____	_____
vi	_____	_____	_____	_____	_____	_____	_____
vii ^O	_____	_____	_____	_____	_____	_____	_____

To understand qualities of triads (major, minor, diminished, etc.), look at type of intervals between R, third, and fifth.
 To understand what type of 7th chord, look at quality of triad, plus what type of 7th.

m3 = 3 halves = $\flat 3$; M3 = 4 halves = 3; D5 = 6 halves = $\flat 5$; P5 = 7 halves = 5; m7 = 10 halves = $\flat 7$; M7 = 11 halves = 7